

# VSU *Annual* REPORT 2013



# HIGHLIGHTS



During the awarding of VSU as the Philippine Council for Health Research and Development (PCHRD) Tuklas Lunas Development Center for Visayas with Dr. Jose L. Bacusmo (2<sup>nd</sup> from right) and Dr. Edgardo E. Tulin (rightmost) receiving the award.

- The **Visayas State University (VSU)** has been awarded ***Tuklas Lunas Development Center (DOST-PCHRD Natural Substance Research Center) for Visayas*** by the Philippine Council for Health Research and Development (PCHRD) during the 31<sup>st</sup> PCHRD Anniversary on March 18, 2013 at the Sofitel Philippine Plaza, Manila. The award was given in recognition of its merit in the field of Natural Products Chemistry and Drug Discovery Research that consequently will serve as a research
- **VSU** was named as the **Sustainable and Eco-Friendly School in the Philippines (College Category)** during the 2013 National Search for Sustainable and Eco-Friendly Schools and the award was received during the Awarding Ceremonies held at the 3<sup>rd</sup> Floor, Activity Center of SM City-North EDSA, Quezon City on November 20, 2013.
- The search was initiated to recognize the efforts of various schools in the country to undertake eco-friendly programs and activities as well as to encourage schools and academic institutions to become more actively involved in environmental issues at a practical and local level. VSU also received the “**Meralco Energy Leadership Award**” for promoting practices and initiatives in electrical safety, energy efficiency and conservation.
- The VSU-based **Visayas Consortium for Agriculture and Resources Program (ViCARP)** was awarded a ***Plaque of Recognition*** and a cash incentive as ***1<sup>st</sup> Runner Up*** in the CY 2013 Ugnay Award during the PCAARRD Awarding Ceremonies on November 8, 2013 at the Sofitel Philippine Plaza Manila, CCP Complex, Roxas Boulevard, Pasay City.



VSU as the recipient of the 2013 Tanglaw Award given by the Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD) with Dr. Jose L. Bacusmo, VSU President (2<sup>nd</sup> from right) and Dr. Othello B. Capuno, VP for Research & Extension (rightmost).

- VSU received the **2013 Tanglaw Award** from the *Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD)* as the **Most Outstanding Research Institution** throughout the country during the PCAARRD Awarding Ceremonies on November 8, 2013 at the Sofitel Philippine Plaza Manila, CCP Complex, Roxas Boulevard, Pasay City. The award was given to VSU for its significant contributions to the advancement of agriculture, aquatic and natural resources (AANR) research and development in the Philippines. VSU received a trophy and a cash award as research grant.
  - VSU Main Campus won in the **2013 Search for Sustainable and Eco-Friendly Schools in Region 8** in the **College Category**. It was also adjudged as the **Regional Winner for the Two Categories: Nestle Leadership Award for Water** and the **Meralco Energy Leadership Award**.
- As a regional winner, VSU represented Region 8 in the **2013 National Search for Sustainable and Eco-Friendly Schools**.
- VSU Main Campus received a **Certificate of Recognition** from the *Philippine Tropical Forest Conservation Foundation, Inc. (PTFCF)* for “developing forest conservation approaches that restore forests and benefit forest-dependent communities” during the 10<sup>th</sup> Anniversary of the Tropical Forest Conservation Fund (TFCF) in the Philippines Fellowship and Recognition Night held on September 18, 2013 at the Diamond Hotel, Manila.
  - VSU and the **Philippine Rice Research Institute (PhilRice)** celebrated the *National Year of Rice (NYR 2013)* through the Capturing Rice Photo Contest, Rice Poster-Making Contest, and Rice Harvest Dance Festival as one of the highlights of the 89<sup>th</sup> VSU Founding Anniversary.



- Four (4) VSU graduates copped the top ten ranks in the different professional licensure examinations in 2013: **Jeremiah M. Añasco** garnered the *1<sup>st</sup> place* in the Licensure Examination for Agricultural Engineers on August 25-26, 2013. The result showed an institutional passing percentage of 85.71% compared to the national passing of 39.43%; while **Wilmar P. Alfeche** and **Celestial A. Manigo** got the *5<sup>th</sup> place* and *9<sup>th</sup> place*, respectively, in the 2013 Licensure Examination for Geodetic Engineers held on September 3-4, 2013; **Angie Lee Grace C. Joarque** copped the *10<sup>th</sup> place* in the 2013 Licensure Examination for Foresters on July 14-15, 2013.
- **Eight (8)** academic programs of VSU, namely: *BS in Agricultural Engineering*, *BS in Forestry*, *BS in Development Communication*, *BS in Computer Science*, *BS in Food Technology*, *BS in Biology*, *BS in Chemistry*, and the *Doctor of Veterinary Medicine* were evaluated by the Accrediting Agency of Chartered Colleges and Universities in the Philippines (AACUP), Inc. for Level II Accreditation on September 10-13, 2013.
- Three (3) VSU professors assigned at the Philippine Root Crop Research and Training Center (PhilRootcrops) were recipients of the following awards from the Department of Agriculture-Regional Field Unit 8 (DA-RFU 8) during the culmination of the Farmers and Fisherfolks Month on May 29, 2013 at the DA-RFU 8 Multi-Purpose Hall, Kanhuraw Hill, Tacloban City: **Dr. Erlinda A. Vasquez**, the *2012 Regional “Gawad Saka” Award (Outstanding Agricultural Scientist)* for Eastern Visayas; **Prof. Algerico M. Mariscal**, the *2011 “Gawad Saka” Award of Region 8*; and **Dr. Anabella B. Tulin**, a *Special Citation for Outstanding Scientist*.
- VSU identified two private entrepreneurs in Leyte to avail of the jackfruit technology (*vacuum fried and dehydrated jackfruit*) for commercialization, namely: the **Baybay**

#### City Vacuum Fried Jackfruit Processors and the Green Meadows Dehydrated Jackfruit Processors.

- The awardees during the 89<sup>th</sup> VSU Anniversary Convocation on August 10, 2013 were, as follows:
  - ✓ VSU faculty, staff, alumni and others who were awarded for their remarkable performance: **Dr. Editha G. Cagasan** – *Exemplary Academician Award*; **Ms. Luz G. Asio** – *Model Science Research Assistant Award*; **Mr. Louis P. Prado** – *Model Skilled Worker Award*; **Ms. Pearl P. Vistal** – *Model Job Order Staff*; **Dr. Nilda R. Burgos** – *Outstanding Alumna Award*; and **Mr. & Mrs. Eladio Cachuela, Sr. and Family** – *Family of the Year Award*.
  - ✓ **Mt. Pangasugan Awards** were given to retirees with leadership positions prior to retirement: **Dr. Oscar B. Posas** (*Vice President for Instruction*); **Dr. Lutgarda S. Palomar** (*Head of the Department of Food Science and Technology*); **Dr. Braulio B. Alfaro, Jr.** (*Head of the Department of Veterinary Basic Science*); **Dr. Sulpecio C. Bantugan** (*Head of the Department of Animal Science and*



Dr. Erlinda A. Vasquez was the 2012 Regional “Gawad Solo” Award (Outstanding Agricultural Scientist) for Eastern Visayas.



Dr. Editha G. Cagasan, Exemplary Academician Awardee, with Ms. Maria A. Ressa, Dr. Jose L. Bacusmo, and Dr. Wolfreda T. Alesna (R-L) during the 89<sup>th</sup> VSU Anniversary Convocation.

*Head of the Income Generating Projects Office*); **Prof. Felipe S. Casas** (*Dean of VSU Villaba Campus*); **Mrs. Linda N. Mariscal** (*University Registrar*); **Dr. Lolita Z. Orge** (*Head of the Department of Home Science*); **Dr. Serena L. Sanchez** (*Head of the Department of Animal Science*); **Dr. Perla M. Tan** (*Head of the Department of Arts and Letters*); and **Prof. Thelma C. Zafra** (*Head of the Culture and Arts Center*).

- ✓ *Service Awards* were given to the following VSU faculty and staff after retiring from service in the University: **Dr. Elena E. Cabilar** (38 years); **Dr. Fe J. Dagoy** (36 years); **Dr. Alan L. Presbitero** (35 years); **Prof. Manuel B. Posas** (38 years); **Prof. Pedro I. Bandala, Jr.** (37 years); **Ms. Carmencita S. Reyes** (38 years); **Ms. Aida Luisa T. Godoy** (38 years); **Mr. Rogelio P. Managbanag** (38 years); **Mr. Petronilo B. Nuñez** (38 years); **Mr. Regalado D. Poliquit** (37 years); **Mr. Diosdado M. Torrecampo** (37 years); **Mr. Jaime A. Mazo** (36 years); **Ms. Adelina B. Bulawan** (33 years); **Mr. Virgilio R. Bulawan** (33 years); **Mr. Rogelio I. Cailing** (32 years); **Ms. Eva S. Subere** (31 years); **Mr. Roberto V. Aureo** (31 years); **Ms. Florifina A. Posas** (30 years); **Mr. Manuel A. Redula** (28 years); **Mr. Virgilio P. Flandez** (28 years); **Mr. Isidro D. Oclinaria** (24 years); **Ms. Angelita D. Corpiz** (13 years); **Mr. Diosdado D. Bandino** (13 years); **Ms. Concepcion V. Arañez** (12 years); **Ms. Rosita C. Royo** (12 years); **Ms. Alberta M. Samson** (12 years); **Ms. Leonarda R. Cueva** (11 years).

# OFFICE OF THE PRESIDENT (OP)



VSU President, Dr. Jose L. Bacusmo (left) met the Wilmington College President, Dr. James M. Reynolds during his visit to Wilmington College.

**Dr. Jose L. Bacusmo**, VSU President, together with some key officials of the Department of Science and Technology (DOST) visited Mexico on April 9-14, 2013 as part of the project, entitled: “Reinvigorating the Coconut Industry Through *In Vitro* Culture (somatic embryonesis) and Strengthening Agricultural Biotechnology Laboratories Using Advanced and Cost-Cutting Methods and Product” which will be implemented by VSU. Dr. Bacusmo then proceeded to the United States of America on April 15-20, 2013 to study governance of state universities in the State of Ohio and to review cooperation agreement between VSU and Welmington College.

The accomplishments of the offices under the Office of the President (OP) are, as follows:

1. The **Internal Audit Service Office (IASO)** conducted evaluation of the internal control system of the collection and deposit cycle of VSU Isabel and VSU Villaba campuses and the collection and remittance cycle of the following IGPs in the VSU Main Campus: VSU Pavilion, Coco Seedling, VSU Garden Beach Resort, PO Services, HELVMU Services, and Lodging projects like VSU Seafront Suite, Apartelle, and Core Value Cottages; monitored the implementation of the prior year’s recommendation regarding the operations of the VSU Tolosa Canteen; reviewed and

verified the entries reflected on the monthly reports, schedules and its supporting documents submitted by 51 IGP project managers under special trust fund and revolving fund; observed and witnessed the inventory taking of supplies and materials of IGP (STF & RF) as well as the physical inventory of unserviceable properties for disposal in the Main Campus and in the external campuses; witnessed and observed the harvest and sale of farm products like rice, mango, copra, etc.; conducted an initial audit on the Trust Fund of VSU Tolosa on NAFES, *Kasadyaan* Festival; conducted an audit on the remittances of VSU Bakery for June 2009-January 2010; conducted an audit of the contributions of VSU Job Order to

PhilHealth for the period January to May 2013; made a reconciliation of GSIS remittances for July and August 2013; reviewed the library fines of a VSU Professor; and conducted an audit of collections and remittances of retirable professors as IGP managers.

2. The **Alumni and Community Relations Office (ACRO)** provided assistance to the VSU Alumni Association, Inc. in facilitating the Annual General Alumni Homecoming activities, in cooperation with the Host Batches 1986 and 1987 and in-campus alumni communicators; updated whereabouts of alumni in the provinces of Leyte and Southern Leyte; released the 2013 publication of *The Alumni Notes*; facilitated the following reunion of activities of Batch '62: arrangement for accommodation, organization and conduct of a Talent Showdown, evening socials, and a field trip to a beach resort outside the VSU Main Campus; conducted regular meetings with the Alumni Communicators; provided assistance to visiting alumni and other needs of alumni regarding IDs, transcript of records (TOR) certifications, and contact to research and extension offices of the University; sponsored and conducted the 2<sup>nd</sup> Anniversary Fun Run during the VSU's 89<sup>th</sup> Founding Anniversary and the 2<sup>nd</sup> Art Exhibit of VSU-based visual artists for the VSUAAI's "*Tabang Mo, Kaugmaon Ko*" Scholarship Program; raised cash donations for the victims of Bohol earthquake; facilitated the distribution of relief goods from the US-based alumni to 60 families of Typhoon Yolanda victims and to 90 families from the faculty and students of Valencia Technical-Vocational High School of Valencia, Bohol; facilitated the request for campus tour of students, farmers, organizations, LGU, and provided tour guide services to university visitors and training participants.
3. The **Information Office (IO)** effectively carried out its role as information and publication arm of the University by giving emphasis on the promotion of VSU's programs and promoting a strong image of the University as an icon of academic and



ACRO facilitated the distribution of relief goods to the victims of typhoon Yolanda.

research excellence. Among others, the Office accomplished the following during the year: documented important University activities/programs, including those held on weekends, holidays, and outside office hours and published them in the VSU Obelisk, a newsweekly publication of the University. The Office came up with 50 issues of the VSU Obelisk during the year; distributed copies of the Obelisk to various stakeholders and to those included in the mailing list from various private and government agencies and individuals; wrote and submitted articles for printing in regional publications as well as in the social networking sites; wrote and submitted articles for release in the regional and national websites; prepared and sent advertisements of VSU's academic programs for printing in publications/souvenir programs; prepared and posted congratulatory tarpaulins for the awards received by VSU faculty, staff, and students; maintained the pictorial archive of the different events of the University; provided photos of the different activities of the University as requested by the various offices; maintained the Bulletin Board near the OVPI at the Administration Building by putting up thematic, educational, and socially constructive displays, including pictorial documentation of the University's significant activities; documented the sporting events during the SCUAA Meet hosted by the Leyte Normal University (LNU) in Tacloban City; served as tour guides to some VSU visitors; and accomplished promptly the University President's requests for write-ups, etc.



# OFFICE OF THE VICE PRESIDENT FOR INSTRUCTION (OVPI)



*During the 60th Collegiate Commencement Exercises on April 5, 2013 with (L-R) Dr. Oscar B. Posas, VP for Instruction, Dr. Jose L. Bacusmo, President, Ms. Josefina F. Ballesteros, the top honor graduate and her mother.*

## NEW CURRICULAR OFFERINGS

### Undergraduate Program

- Bachelor of Elementary Education (BEEd) major in Pre-School Education and Bachelor of Secondary Education (BSEd) major in Filipino were offered in the first semester of SY 2013-2014.
- VSU's College of Education implemented the approved General Education Courses and Checklist of Subjects according to the major fields by the Board of Regents (BOR), namely: *General Education* and *Pre-School Education* for the BEEd curriculum

and MAPEH, Mathematics, Biological Sciences, Physical Sciences, and Filipino subjects for the BSEd curriculum.

## CURRICULAR DEVELOPMENT

### Graduate Program

- The proposal to offer a thesis option of the existing Master of Education (MEd) program was prepared by the Office of the Graduate School (OGS), in coordination with the Department of Teacher Education (DTE) and other departments of the university.



- The proposal to offer a Master of Science (MS) degree major in Integrated Water Resources Management was being prepared by the Institute of Strategic Research and Development Studies (ISRDS) in response to the request of the Philippine Alliance of Government Workers in the Water Sector (AHWWAS) and some members of the Reclaiming Public Water (RPW) Networks.
- The external campuses had the following student enrolment during the 1<sup>st</sup> semester of SY 2013-2014: VSU Alangalang – 1,095 (826 undergraduate and 269 non-degree); VSU Isabel – 1,150 (932 undergraduate and 218 non-degree); VSU Tolosa – 1,545 undergraduate; and VSU Villaba – 771 undergraduate.

### Undergraduate Program

- The proposal to offer Bachelor of Arts (AB) major in English was approved by the Curriculum Committee of the College of Arts and Sciences.
- The following curricular programs of the VSU-Isabel had been revised to conform with the CHED Memorandum Orders and would be submitted to the VSU University Curriculum Committee for review: BS in Mechanical Engineering (BSME), BS in Information Technology, BS in Industrial Engineering, and Bachelor of Secondary Education (BSEd-THE) major in Technology and Home Economics.
- The Department of Animal Science (DAS) worked with the Technical Education and Skills Development Authority (TESDA)-Leyte in the issuance of Certificate of Competency (COC) on Meat Processing to the graduates of the ladderized Bachelor of Animal Science (BAS) curriculum, the Diploma in Animal Production Technology (DAPTech).

## ENROLMENT

During the 1<sup>st</sup> semester of school year 2013-2014, the VSU System had a total enrolment of 11,155, broken down as follows:

- The VSU Main Campus had a total enrolment of 6,594 which comprised 269 graduate students (20 PhD, 247 MS/MAGDev/MEd/MMgt and 2 DLAM), and 6,325 undergraduate students. The VSU Laboratory High School (VSULHS) had a total enrolment of 451 students.

## GRADUATES

The VSU Main Campus presented **930** graduates during the 60<sup>th</sup> Collegiate Commencement Exercises, which comprised **42** graduates in the graduate programs (3PhD, 16 MS, 1 MAGDev, 2 M. M., 8 M. Ed., 6 MLAM, and 6 DLAM); **822** in the undergraduate programs (196 BHRTM, 96 BSAB, 83 BEEd, 73 BAS, 61 BSN, 54 BSEd, 49 BSA, 43 BSFT, 25 BSCS, 23 BSDC, 19 BSChem, 17 DVM, 16 BSDE, 14 BSEM, 13 BSF, 10 BSAE, 9 BS Bio, 8 BSS, 4 BSEcon, 4 BSBiotech, and 2 BSGE); **66** in the special programs (35 CAS, 30 DAPT and 1 CGT) (Table 2).

Seventy-one graduates from the VSU Main Campus obtained Academic honors: **8 *Magna Cum Laude*** and **63 *Cum Laude*** and **2** each with ***With High Honors*** and ***With Honors*** from the certificate program, while 24 from the external campuses: **4 *Magna Cum Laude***, **16 *Cum Laude*** and **4 *With Honors*** (Table 3).

Of the 103 secondary school graduates who received their diplomas during the 83<sup>rd</sup> Commencement Exercises of the VSU Laboratory High School, (61.17%) earned the following distinction: **1 *Valedictorian*** (*With Highest GPA*), **1 *Salutarian***, **13 *With High Honors***, **1 *With High GPA***, and **47 *With Honors***.

The VSU external campuses had the following number of graduates: **166** from VSU Alangalang (57 BEEd, 8 BSEd, 10 BSEM, 13 BAT, 78 DAT); **152** from VSU Isabel (6 BSIE, 14 BSIT, 41 BEEd, 17 BSEd, 13 BSAB, 2 BSME, 28 DACT, and 31 DTTE); **126** from VSU Tolosa (12 BSFi, 32 BEEd, 11 BSEd, and 71 BS Crim); and **116** from VSU Villaba (26 BSA, 47 BEEd, 28 BSEd, and 15 CAS).

**Table 1.** VSU Main Campus student enrolment by degree, First Semester SY 2013-2014 and SY 2012-2013.

COURSE	1 <sup>st</sup> Sem 2013-2014	1 <sup>st</sup> Sem 2012-2013	Percent Increase/ Decrease
<b>GRADUATE</b>			
Doctor of Philosophy (Ph. D.)	20	23	(13.0)
Master of Science (MS)	123	102	20.6
Master of Agric. Dev't. (MAgDev)*	39	21	85.70
Master of Education (MEd)	48	35	37.10
Master of Management (MMgt)	28	34	(17.60)
Master of Land Admin & Mgt ( MLAM)	9	8	28.6
Diploma in Land Admin & Mgt. (DLAM)	2	8	(77.8)
<b>Sub-total</b>	<b>269</b>	<b>231</b>	<b>16.50</b>
<b>UNDERGRADUATE</b>			
Doctor of Veterinary Medicine (DVM)	340	281	21.00
BS in Agricultural Engineering (BSAE)	130	114	14.00
BS in Geodetic & Geomatics Engineering (BSGGE)	109	88	23.9
BS in Civil Engineering (BSCE)	335	252	32.90
BS in Mechanical Engineering (BSME)	135	119	13.40
BS in Computer Science (BSCS)	284	299	(5.00)
Bachelor of Animal Science (BAS)	437	408	7.10
BS in Agriculture (BSA)	437	382	14.40
BS in Development Communication (BSDC)	155	156	(0.60)
BS in Food Technology (BSFT)	189	203	(6.90)
BS in Agribusiness (BSAB)	824	711	15.90
BS in Economics (BSEcon)	90	65	38.5
BS in Hotel, Restaurant & Tourism Mgt. (BSHRTM)	869	1,021	(14.9)
BS in Agricultural Chemistry (BSAC)	12	12	0
BS in Chemistry (BSChem)	106	109	(2.80)
BS in Statistics (BSS)	52	58	(10.30)
BS in Biology (BSBio)	127	108	17.60
BS in Biotechnology (BS Biotech)	47	40	17.50
BS in Development Education (BSDE)	139	132	5.30
Bachelor of Elementary Education (BEEd)	510	459	11.10
Bachelor of Secondary Education (BSEd)	731	480	52.30
BS in Forestry (BSF)	122	106	15.10
BS Environmental Management (BSEM)	52	56	(7.10)
BS in Nursing (BSN)	90	129	(30.20)
BS Meteorology (BSMet)	3	3	0
<b>Sub-total</b>	<b>6,325</b>	<b>5,791</b>	<b>9.2</b>
<b>SECONDARY</b>	<b>451</b>	<b>446</b>	<b>1.1</b>
<b>GRAND TOTAL</b>	<b>7,045</b>	<b>6,468</b>	<b>9.00%</b>

\* Enrolment of Open University is included

**Table 2.** Number of graduates from the VSU-Main Campus, SY 2011-2012 & SY 2012-2013.

PROGRAMS	2012-2013	2011-2012
Graduate Degree		
Doctor of Philosophy (Ph.D.)	3	4
Master of Science (M.S.)	16	22
Master of Agricultural Development (MAgDev)	1	2
Master of Education (M. Ed.)	8	6
Master of Management (M. Mgt.)	2	0
Master of Land Administration & Management (MLAM)	6	2
Diploma in Land Administration & Management (DLAM)	6	7
<b>Sub-total</b>	<b>42</b>	<b>43</b>
Undergraduate Degree		
Doctor of Veterinary Medicine (DVM)	17	15
Bachelor of Elementary Education (BEEd)	83	44
Bachelor of Secondary Education (BSEd)	54	49
BS in Development Education (BSDE)	16	11
Bachelor of Animal Science (BAS)	73	48
BS in Agriculture (BSA)	49	36
BS in Development Communication (BSDC)	23	20
BS in Food Technology (BSFT)	43	50
BS in Agribusiness (BSAB)	99	78
BS in Economics (BS Econ)	4	4
BS in Hotel, Restaurant, and Tourism Management (BSHRTM)	196	267
BS in Forestry (BSF)	13	8
BS in Environmental Management (BSEM)	14	0
BS in Agricultural Engineering (BSAE)	10	4
BS in Geodetic Engineering (BSGE)	2	5
BS in Computer Science (BSCS)	25	28
BS in Biology (BSBio)	9	9
BS in Biotechnology (BSBiotech)	4	9
BS in Statistics (BSS)	8	4
BS in Chemistry (BS Chem)	19	18
BS in Agricultural Chemistry (BSAgChem)	0	2
BS in Nursing	61	48
<b>Sub-total</b>	<b>822</b>	<b>757</b>
Special Programs		
Certificate of Health Care Services (CHCS)	0	0
Certificate in Geodetic Technology (CGT)	1	0
Certificate of Agricultural Science (CAS)	35	20
Diploma in Animal Production Technology (DAPT)	30	43
<b>Sub-total</b>	<b>66</b>	<b>63</b>
<b>TOTAL</b>	<b>930</b>	<b>863</b>

**Table 3.** Number of graduates with honors for SY 2013-2014.

DEGREE	With High Honors/ With Honors	Cum Laude	Magna Cum Laude	Summa Cum Laude	TOTAL
MAIN CAMPUS					
Doctor of Veterinary Medicine (DVM)	-	-	-	-	-
Bachelor of Animal Science (BAS)	-	1	-	-	1
BS Agriculture (BSA)	-	6	-	-	6
BS Agric Chemistry (BSAC)	-	-	-	-	-
BS Chemistry (BSChem)	-	7	-	-	7
BS Agric. Development (BSAgDev)	-	-	-	-	-
BS Development Education (BSDE)	-	-	-	-	-
Bachelor of Elementary Education (BEEd)	-	11	1	-	12
Bachelor of Secondary Education (BSEd)	-	7	-	-	7
BS Biology (BSBio)	-	2	-	-	2
BS Computer Science (BSCS)	-	2	-	-	2
BS Development Communication (BSDC)	-	-	1	-	1
BS Forestry (BSF)	-	-	-	-	-
BS Environmental Management (BSEM)	-	1	-	-	1
BS Food Technology (BSFT)	-	3	-	-	3
BS Home Economics (BSHE)	-	-	-	-	-
BS Statistics (BSS)	-	-	-	-	-
BS Agribusiness (BSAB)	-	8	4	-	12
BS Hotel, Restaurant & Tourism Mgt. (BSHRTM)	-	11	-	-	11
BS Economics (BSEcon)	-	2	2	-	4
BS Biotechnology (BSBiotech)	-	1	-	-	2
BS Nursing (BSN)	-	-	-	-	-
BS Agricultural Engineering (BSAE)	-	1	-	-	1
BS Geodetic Engineering (BSGE)	-	-	-	-	-
BS Mechanical Engineering (BSME)	-	-	-	-	-
BS Civil Engineering (BSCE)	-	-	-	-	-
Certificate of Ag. Science (CAS)	2	-	-	-	2
Diploma in Animal Production Technology (DAPT)	2	-	-	-	2
<b>TOTAL</b>	<b>4</b>	<b>63</b>	<b>8</b>	<b>-</b>	<b>75</b>
EXTERNAL CAMPUSES					
Alangalang Campus	3	8	-	-	11
Isabel Campus	-	-	-	-	-
Tolosa Campus	-	-	-	-	-
Villaba Campus	4	-	-	-	4
<b>TOTAL</b>	<b>7</b>	<b>8</b>	<b>-</b>	<b>-</b>	<b>15</b>



## PERFORMANCE OF STUDENTS

### Professional Licensure Examinations

Four (4) VSU graduates copped the top ten ranks in the different professional licensure examinations in 2013 (Table 4):

- **Jeremiah M. Añasco** garnered the **1<sup>st</sup> place** in the *Licensure Examination for Agricultural Engineers* on August 25-26, 2013. The result showed an institutional passing percentage of 85.71% compared to the national passing of 39.43%. Moreover, **Wilmar P. Alfeche** got the **5<sup>th</sup> place** and **Celestial A. Manigo** obtained the **9<sup>th</sup> place** in the *2013 Licensure Examination for Geodetic Engineers* held on September 3-4, 2013.
- **Angie Lee Grace C. Joarque** copped the **10<sup>th</sup> place** in the *2013 Forester Licensure Examination for Foresters* held on July 14-15, 2013.

## HONORS AND AWARDS

### Main Campus

During the 60<sup>th</sup> Collegiate Commencement Exercises of the VSU Main Campus on April 5, 2013, **71** graduated with Latin honors (**8 Magna Cum Laude** and **63 Cum Laude**) and two (2) graduated **With High Honors** and two (2) **With Honors** in the certificate course. Special awards and medals, including the Civil Service Eligibility given by the Civil Service Commission, were granted to the following honor graduates:

- **Josefina F. Ballesteros**, BS in Agribusiness (BSAB), **Magna Cum Laude** – *VSU Presidential Award for Academic Excellence* with a cash award, *Gov. Ma. Mimieta S. Bagulaya Award for Most Outstanding Student*, and the *College of Management and Economics Dean's Medal of Excellence*;
- **Mark C. Ratilla**, BSAB, **Magna Cum Laude** – *Senator Meriam Defensor Santiago Excellence Award*;

**Table 4.** Passing rate and number of topnotchers in professional licensure examinations (VSU Main Campus).

Licensure Examination	Date of Examination	Top 10 Rank	Institutional Passing Percentage	National Passing Percentage
Agricultural Engineers	August 25-26, 2013	1 <sup>st</sup> place	77.78	39.43
Geodetic Engineers	Sept. 3-4, 2013	5 <sup>th</sup> & 9 <sup>th</sup> place	60.00	37.50
Agriculturists	July 23-25, 2013		46.35	35.22
Chemists	Sept. 17-18, 2013		78.57	56.04
Foresters	July 14-15, 2013	10 <sup>th</sup> place	30.00	29.62
Veterinarians	August 20-22, 2013		59.26	39.61
Nurses	June 2-3, 2013		33.33	42.80
	Dec. 7-8, 2013		82.76	34.45
Teachers				
Elementary	March 10, 2013		46.91	39.61
Secondary	March 10, 2013		58.14	24.85
Elementary	Sept. 29, 2013		49.25	31.18
Secondary	Sept. 29, 2013		63.20	39.75



Engr. Jeremiah M. Añasco, the 1<sup>st</sup> placer of the Licensure Examination for Agricultural Engineers during their oath-taking.

- **Ma. Victoria Stephane G. Asio**, BS in Development Communication (BSDC), **Magna Cum Laude** – *Senator Juan Ponce Enrile Excellence Award* and the *College of Agriculture and Food Science Dean's Medal of Excellence*;
- **Theresa Mae D. Bilocura**, Bachelor of Elementary Education (BEEd), **Magna Cum Laude** – *Senator Ferdinand R. Marcos, Jr. Award of Excellence* and the *College of Education Dean's Medal of Excellence*;
- **Maria Niña N. Palacao**, BS in Economics (BSEcon), **Magna Cum Laude** – *Senator Ralph Recto Award of Excellence* and the *College of Management and Economics Dean's Medal of Excellence*;
- **Emn Y. Alsonado**, BSAB; and **Glorybeth C. Castillo**, BS Econ, both **Magna Cum Laude** – *Senator Vicente Sotto III Award of Excellence*;
- **Norhaya V. Demacaling**, BSAB, **Magna Cum Laude** – *Senator Manny Villar Excellence Award*
- **Minerva Nirvana M. Zarco**, BEEd; **Harry Jay M. Cavite**, BSAB; and **Cristy P. Zoilo**, BEEd; all **cum laude** – *Senator Panfilo Lacson Award of Excellence*;
- **Renee Rose C. Casillano**, BS in Chemistry (BSChem), **Cum Laude** – *College of Arts and Sciences Dean's Medal of Excellence*;
- **Ma. Jannel A. Urian**, BSChem; **John Lemuel A. Mahusay**, BSChem; **Camille M. Cardaño**, BSChem; **Elden P. Jayag**, BSChem; **Lida Marie P. Vega**, BS in Hotel, Restaurant & Tourism Management (BSHRTM); **Rezel M. Sagarino**, BS in Agriculture (BSA); and **Mencho G. Daitol**, BSHRTM; all **cum laude** – *AGHAM Partylist Award of Excellence*;
- **Arlene S. Pilongo**, BEEd; **Kristine Mae G. Orendain**, BEEd; **Alith Stephanie R. Borinaga**, BSEcon; **Jenecyl D. Poliquit**, BEEd; **Mary Grace L. Payod**, BSHRTM; **Venice Marie C. Ibale**, BSAB; **Barbara Jane Dimas**, BEEd; **Riza Mar B. Tapang**, BSHRTM; **Daisy Marie C. Vacalares**, BSHRTM; **Shenamie P. Nuevo**, BEEd; **Honey Jane C. Dumaguing**, BSHRTM; **Maureen Lyndel C. Lauron**, BS in Computer Science (BSCS); **Quennie M. Anos**, BS in Food Technology (BSFT); **Marie Bless B. Galang**, BSFT; and **Froline S. Red**, BSAB; all **cum laude** – *Senator Vicente Sotto III Award of Excellence*;

- **Junmarie S. Cirenuela**, BSAB; **Lenneth R. Guinocor**, BSAB; **April Antonette P. Delima**, BEEd; **Crisanto L. Abas**, Bachelor of Secondary Education (BSEd); **Dernie T. Olguera**, BSA; and **Genylyn M. Angco**, BSAB; all **cum laude** – *Senator Ferdinand R. Marcos, Jr. Award of Excellence*;
- **Janine L. Evangelio**, BSHRTM, **Cum Laude** – *Senator Vicente Sotto III Award of Excellence* and *College of Management and Economics Dean's Medal of Excellence*;
- **Shiella D. Baruc**, BSAB, **Cum Laude** – *AGHAM Partylist Award of Excellence*, *Gov. Marañon Award of Excellence* and a *cash award*;
- **Jonell M. Vizcaya**, BSA, **Cum Laude** – *Senator Ferdinand R. Marcos, Jr. Award of Excellence*, *Gov. Marañon Award of Excellence* and a *cash award*;
- **Kent Mavric J. Macariola**, BS Chem; **Naomi Leeh L. Pobadora**, BSChem; **Genesis Jared A. Cutamora**, BSFT; and **Joel D. Maraviles**, BSEd; all **cum laude** – *AGHAM Partylist Award of Excellence* and *DOST Award of Excellence in Science and Technology*;
- **Glaiza L. Vallecera**, BSA, **Cum Laude** – *DOST Award of Excellence in Science and Technology*, *Senator Manny Villar Excellence Award*, and *College of Agriculture and Food Science Dean's Medal of Excellence*;
- **Mary Luz P. Taño**, (BSCS), **Cum Laude** – *Senator Ferdinand R. Marcos, Jr. Award of Excellence*, *DOST Award of Excellence in Science and Technology*, and *College of Engineering Dean's Medal of Excellence*;
- **Ted Dominique S. Belonias**, BS Biology (BSBio), **Cum Laude** – *College of Arts and Sciences Dean's Medal of Excellence* and *Senator Manny Villar Excellence Award*;
- **Manuela Bizarbith D. Pelicano**, BSEcon, **Cum Laude** – *Senator Manny Villar Excellence Award*;
- **Jade Dhapnee Z. Compendio**, Bachelor of Animal Science (BAS), **Cum Laude** – *College of Agriculture and Food Science Dean's Medal of Excellence*; *Senator Francis G. Escudero Award of Excellence*, and *Vice President for Instruction Dr. Oscar B. Posas Award of Excellence*;
- **Jeremia M. Añasco**, BS in Agricultural Engineering (BSAE), **Cum Laude** – *College of Engineering Dean's Medal of Excellence* and *Vice President for Administration and Finance Dr. Roberto C. Guarte Award of Excellence*;
- **Leo A. Mamolo**, BSEd, **Cum Laude** – *Senator Ferdinand R. Marcos, Jr. Award of Excellence* and *College of Education Dean's Medal of Excellence*;
- **Mitchelyn A. Jurial**, BSAB; **Mary Luz S. Cagande**, BSHRTM; **Romualdo M. Ocares, Jr.**, BEEd; and **Emma L. Cacho**, BSEd; all **cum laude** – *Senator Ralph Recto Award of Excellence*;
- **Rommel M. Garrido, Jr.**, BSA, **Cum Laude** – *Senator Vicente Sotto III Award of Excellence*; and *Vice President for Research and Extension Dr. Othello B. Capuno Award of Excellence*;
- **Junhael Jay L. Brace**, BS in Environmental Management (BSEM), **Cum Laude** – *Senator Vicente Sotto III Award of Excellence* and *College of Forestry and Environmental Science Dean's Medal of Excellence*;
- **Sarah Jean C. Sugano**, BS Biotechnology (BSBiotech), **Cum Laude** – *College of Arts and Sciences Dean's Medal of Excellence* and *Vice President for Planning & Resource Generation Dr. Edgardo E. Tulin Award of Excellence*;
- **Alieza O. Del Socorro**, BSBio; **Mary Jane A. Aldamia**, BEEd; **Miraflor M.**

Mirafuentes, BSEd; Marilou A. Saporas, BSAB; Deborah C. Villarmino, BSHRTM; Jertz Vlyn D. Escala, BSA; Roxan D. Pille, BSEd; Cleofe T. Cuyag, BEEd; Ananias N. Yunzal, Jr., BSEd; and Whalter M. Sosmeña, BSHRTM – all **cum laude**.

- Four graduates in the two-year certificate courses who excelled academically received medals from VSU, namely: **Lisa I. Arce** and **Jay Darryl L. Ermio**, both Certificate of Agriculture Science (CAS) – both **With High Honors**; and **Emmanuel F. Morales** and **Luisa C. Paraboles**, both Diploma in Animal Production Technology (DAPT) – both **With Honors**.
- Five graduates (both in the graduate and undergraduate levels) received **Certificates of Recognition** and **cash awards** from the *Phi Delta Honor Society of Science* for winning in the *2013 Search for Phi Delta Outstanding Theses* in the different sciences: **Mark C. Ratilla** (*Social Sciences Category*), **Joy Adeline C. Nuñez** (*Pure Life Sciences Category*), **Elden P. Jayag** (*Physical Sciences Category*), **Renee Rose C. Casillano** (*Applied Life Sciences Category*); and **Mylene A. Anwar** (*Graduate Thesis Category*).
- **Wilfred P. Alfeche**, BS Biology, received the **Dean of Students Medal of Excellence (Leadership Award)**.

## STUDENTS' AWARDS/ACHIEVEMENTS

- The following VSU student athletes won medals in the different events during the *State Colleges and Universities Athletic Association (SCUAA) National Olympics 2013* held on February 17-24, 2013 at the Jose Rizal Memorial State College Sports Complex in Dapitan City: **Wilmar Alfeche** won the **silver medal** in *Badminton, Single* and **Nollan Centino** in *Tennis Men*; **Narciso Deterala** won the **bronze medal** in the *3,000-meter steeplechase*. **Ian Mae Espinosa** won 4<sup>th</sup> place in the swimming women -50-meter breaststroke; while **Gelli Ann** and **Joel Estupa** were semi-finalists in the dance sports (modern standard).
- Several students of the Main Campus attended different trainings, seminars, conference in the international, national and regional levels: **Martin Rhey Y. Dayang** and **Gerald P. Gogo**, both 4<sup>th</sup> year BS in Civil Engineering students of the VSU Main Campus, attended the *UPACES National Civil Engineering Summit 2013* on September 4-8, 2013 at the University of the Philippines, Diliman, Quezon City.
- The VSU Basketball Women Varsity Team was proclaimed the **Overall Champion** in the *2<sup>nd</sup> Conference-Season VI Basketball Tournament* of the Ormoc City Sports



The medalist during the State Colleges and Universities Athletic Association (SCUAA) National Olympics 2013: (L-R) Wilmar Alfeche (Silver Medalist - Badminton), Nollan Centino (Silver Medalist - Tennis), and Narciso Deterala (Bronze Medalist - 3,000m steeplechase).



Organization. The team was composed of: **Cristy Marie C. Namoc**, **Elvie Q. Moquiring**, **Cindy Mae B. Ngoho**, **Ma. Vebeth Antipala**, **Louise Ruby P. Laplap** (*Most Valuable Player*), **Eva D. Homillan**, **Shiela D. Sabandal**, **Shiela Marie Gonzaga**, **Darlene Diane C. Dela Cruz**, **Aira Jane Danlag**, **Leny Rose Covero**, and **Rechel Posas**.

- **Mariecris L. Arances**, a fifth year BS in Civil Engineering student of the VSU Main Campus, was in Japan for a one-year exchange program (October 1, 2012 to September 30, 2013) as a Special Auditing Student at the Tokyo University of Agriculture and Technology (TUAT) under the Short-Term Exchange Program (STEP) in Science and Engineering.
- The following VSU Main Campus varsity athletes won medals in the different events during the State Colleges and Universities Athletic Association (SCUAA) Meet hosted by the Leyte Normal University LNU) in Tacloban City on October 21-26, 2013: **Gold Medalists: Narciso Deterala** – Athletics (3,000-meter run, 5,000-meter run and 10,000-meter run; **Romulo Perez** – Athletics (*Triple jump*); **Gellie Ann Alcuino** and **Joel Estupa** (*Darling of the Crowd*) – Dance Sports (*Modern Standard*) who also won special award as *Best in Modern Standard Costume*, *Best in Slow Waltz*, *Best in Tango*, and *Best in Quick Step*; **Angelito Bocal** – Swimming (200-meter breaststroke); and **Krishna Mae Galenzoga**, **Unice Babes Maiz**, **Mary Lilibeth Peligrino**, and **Billy Jill Sello** – Table Tennis women;

**Silver Medalists: Dainalyn Cañas** – Athletics (*Discuss Throw Women*); **Glory Jane Bandibas** (*Darling of the Crowd*) and **Romuel Noveda** (*Best Male Latin Dancer*) – Dance Sports (*Latin Discipline*); **Jems Nuñez**, **Nolan Centino**, **Gerald Jumadas**, and **Jethro Tan** – Tennis Men; **Diezzane Jireh Antipaso**, **Ruth Abegail Cordero**, **Elgy Daslan**, and **Ma. Theresa Tagalog** – Tennis Women;



Mariecris L. Arances, 5<sup>th</sup> year BS in Civil Engineering student, was in Tokyo University of Agriculture and Technology (TUAT) in Japan as an exchange student under the Short-Term Exchange Program (STEP) in Science and Engineering.

**Emmanuel Auguis**, **Clint Joel Baltonado**, **Joveth Cocamas**, **Richie Cuizon**, **John Darwin Lozada**, **Alemier Merced**, **Patrick Nayon**, **Kris Benzon Notarte**, **Ramil Ortega**, **Geno Pasuhil**, **Maynard Rey Rosales**, **Von Christian Sebidos**, **Daniel Subingsubing**, **David Winston Tabada**, and **Josue Virtudazo** – Soccer; **Ian Mae Espinosa** – Swimming (50-m breaststroke); **Angelito Bocal** – Swimming (100-m breaststroke); **Christy Aviles**, **Rhoda Capacao**, **Joan Tan**, and **Ian Mae Espinosa** – Swimming (4 x 50-m medley relay women); and **Leslie Jane Aves**, **Jinky Escala**, **Eva Homillano**, **Junabel Helena Janoyan**, **Louise Ruby Laplap**, **Elvie Moquiring**, **Cindy Mae Ngoho**, **Ma. Kharen Mae Paloga**, **Angielyn Paule**, and **Angela Pilapil** – Basketball women;

**Bronze Medalists: Kim Palaña** – Athletics (1,500-meter run men); **Karisse Nikka Solano** – Athletics (javelin throw

women); **Dainalyn Cañas** – Athletics (*shot put women*); **Kristine Faith Ugay** and **Kyle Bethoven Cantiga** – Dance Sports (*Modern Standard*) and *Best in Foxtrot*; **Marynil Cañas** – Taekwondo (*heavy weight*) and **Rene Jemmar Alkuino** – Taekwondo (*middle weight*); **Joeven Moldez**, **Mark Ross Ann Pecolados**, **Landrex Rebuera**, and **Ronel Timkang** – Sepak Takraw; **Christy Aviles** – Swimming (*200-m backstroke*, and *200-m breaststroke*); **Jimmy Espina** – Swimming (*200-m men breaststroke*); **Rhoda Capacao** – Swimming (*400-m women freestyle*); **Rhoda Capacao**, **Janice Panilag**, **Nyhia Alfeche**, **Ian Mae Espinosa** – Swimming (*4 x 200-m women freestyle relay*); **Ericson Piedraverde**, **Jimmy Espina**, **Angelito Bocal**, and **Jason Piamonte** – Swimming (*4 x 200-m men freestyle relay*); **April Jay Alcala**, **Jhadi Cruza**, **Jodel Andrew Cuasito**, **Bert Bryan Felizarte**, **Mark Gill Gerona**, **Cyrus Manatad**, **Ador Mejia**, **Hanzel Mejia**, **Edu Gelo Orig**, **Ryan Pernitez**, **James John Regis**, and **John Edrald Torrena** – Baseball; and **Alvin Advincula**, **Hector Bisnar**, **Erwen Estallo**, **Niel Leyson**, **Elton Jhon Meridor**, **Gerard Palo**, **Jeandro Lemuel Petilos**, **Jun Louie Pilapil**, **Jayson Rabe**, **Archie Romo**, **Jonathan Tampadon**, and **Elliaquim Vitualla** – Volleyball men; and **Wranle Josef Palas**, Mr. VSU, won the *Mr. Eloquence Award* in the Search for *Mr. and Miss SCUAA 2013*.

- **Gerald P. Gogo**, 4<sup>th</sup> year BS in Civil Engineering student of the VSU Main Campus and President of the Terrestrial and Aquatic Restoration of Students Immersed in Environment Reform (TARSIER), attended the *2013 ASEAN + 3 Youth Environment Forum 2013* on December 2-4, 2013 at Brunei Darusalam
- The winners of the **First VSU Rice Cook Fest and Livelihood Caravan** held on August 11, 2013 were: *Main Dish Category* – **Edwin Cagoyong**, **Lovely Terol** and **Jane Vilbar** (HRTM students Group 2) for

their recipe called *brown rice loaf with sweet and sour sauce*; and the *Dessert Category* – **Brayan A. Bornias**, **Ronacel B. Natulia** and **Margene A. Villamor** (DFST Innovators Team), for their recipe called *piñarice maja*.

- The following BS in Computer Science (BSCS) students passed the 6<sup>th</sup> IT Passport Examination conducted by the Japan IT Engineers Examination Center (JITEC) in cooperation with the Philippine National IT Standards Foundation (PhilNITS) on October 27, 2013: **Jefelyn Mullet Diamante**, **Mitch Allan Ariñas Haboc**, **Meryluz Balibrea Lingasco**, **Daisy Jane Apas Llano**, **Patrick Delalamon Mazo**, **Ronilo Nicer**, **Rochelle Recamadas Peñaranda**, **Olwen Joshua Jumagdao Santiago**, and **Serge III Benia Silao**.

## STUDENT WELFARE AND DEVELOPMENT

### Student Admissions

The *Student Admissions Unit* of the University Student Services Office (USSO) coordinated the information drive and the conduct of the entrance scholarship examinations for high school graduating students. During the year, information drives were conducted in 49 schools: Leyte – 34, Southern Leyte – 7, Cebu – 6, and Bohol – 2



Gerald P. Gogo, 4<sup>th</sup> year BS in Civil Engineering student, during the 2013 ASEAN +3 Youth Environment Forum at Brunei Darusalam.

while Entrance Scholarship Examinations were conducted in 13 schools: Leyte – 5, Southern Leyte – 3, Cebu – 2, Bohol – 2, and Surigao – 1.

## Scholarships/Financial Assistanships/Grants

**VSU Main Campus** – 65 or **24.16%** of the graduate students during the 1<sup>st</sup> semester of SY 2013-2014 enjoyed scholarships/assistantships/fellowships/grants from DA-ATI – 5, DOST-NSC – 47, GIZ – 6, and VSU Graduate Teaching Assistantship – 7.

A total of **1,807** or **28.57%** of the undergraduate students of the Main Campus during the 1<sup>st</sup> Semester of SY 2013-2014 enjoyed scholarships/grants: 357 – VSU scholarships and 582 – VSU grants-in-aid, and 868 scholarships funded by other agencies (Cong. Cari Scholarship – 418, Municipality of Baybay – 200, *Pagkaon* – 45, DOST-SEI – 45, LGU Asturias – 30, LGU Javier – 24, City Government-Government of Ormoc – 20, CHED-Merit – 12, CHED-CSSGPCD – 11, SGP-PA – 11, DIWA Partylist – 9, DOLE-OWWA OFWDSP – 6, D.A. ACEF – 5, F. A. Bernardo – 5, PARRFI –

4, CHED-One-Town-One Scholar – 4, CHED-*Tulong-Dunong* – 4, BS Meteorology Scholarship – 3, ATI-YAFP – 2, LEADS Agri Scholarship – 2, LEYECO – 2, ViSSCO – 2, VKV-VLV Frat/Sorority Scholarship – 2, and 1 each from LGU Hilongos, LGU Camotes, BAYER, and Gov. Alfred Maraño Scholarship. Moreover, 170 or 37.69% of high school students enjoyed VSU Scholarship: Full – 26, Partial – 118, and Honorific – 26 (Table 5).

**External Campuses** – 311 students of **VSU Alangalang** availed of scholarships and grants from different sponsors during the 1<sup>st</sup> Semester of SY 2013-2014 (Academic Scholars – 14, Honorific – 1, Rolando T. Celebre – 67, Jaro LGU – 79, Barangay Scholars – 66, Alangalang LGU – 21, PDAF Scholarship – 24, SGP-PA (4P's) – 10, DA-ACEF – 3, CSSC – 3, Capoocan LGU – 4; San Miguel LGU – 2, CHED Full Merit Scholars – 3, CHED *Tulong Dunong* Scholar – 3, OFWDSP – 3, *An Waray* Party List – 4, CHED One-Town-One Scholar – 2, and 1 each from CHED Congressional Scholarship and DOST); **47** students of **VSU Isabel** enjoyed the following scholarships/grants: University Scholarship – 3, College Scholarship – 20, Honorific – 2, *Sangguniang Kabataan*/

**Table 5.** Number of students (graduate and undergraduate) in the VSU Main Campus enjoying scholarships, assistantships and grants for the First Semester of SY 2012-2013 and SY 2013-2014.

Program	Scholarship/Grant	SY 2013-2014	SY 2012-2013
<b>A. Graduate</b>			
1. VSU Funded	VSU Teaching/Research Assistantship	7	4
2. Non-VSU Funded	GIZ	6	7
	DOST-NSC	47	34
	ATI-ASTHRDP	-	2
	CHED	-	1
	DA-ATI	5	6
	Proj. 416.10.65 -1	-	1
	<b>Total</b>	<b>65</b>	<b>55</b>
<b>B. Undergraduate</b>			
1. VSU-Funded	Entrance Full	8	4
	Entrance Partial	13	12
	Honorific	60	51
	College	226	186
	University	50	50

Program	Scholarship/Grant	SY 2013-2014	SY 2012-2013
	Academic A	202	202
	Academic B	0	2
	BSAE-FAP	24	27
	BSF-FAP	38	34
	CA Financial Assistantship	101	96
	CAC-Chorale	11	9
	CAC-Dance Troupe	15	9
	CAC-Rondalla	6	6
	CAC-Visual Arts	1	3
	Income Grant	47	26
	NSTP-ROTC Grant	15	10
	Staff Dependent Grant	28	28
	SB/SK Grant	38	68
	Varsity Grant	32	42
	USSC/CSSC Officers' Grant	24	7
	<b>Sub-total</b>	<b>939</b>	<b>872</b>
2. Non-VSU Funded	BAYER	1	1
	ATI-YAFP	2	1
	BS Meteorology Scholarship	3	3
	Carlo Loreto Scholarship	0	37
	City Gov't/Gov't of Ormoc	20	16
	CHED-AN WARAY Party List	0	12
	CHED-One-Town-One-Scholar	4	4
	CHED-Merit	12	8
	CHED-CSSGPCD	11	13
	CHED-Tulong-Dunong	4	2
	Cong. Cari Scholarship	418	303
	D.A. ACEF	5	6
	DIWA Party List	9	8
	DOLE-OWWA-OFWDSP	6	6
	DOST-SEI	45	33
	Gov. Alfred Marañanon Scholarship	1	1
	LEADS Agri Scholarship	2	2
	LEYECO	0	2
	LGU Asturias	30	20
	LGU Camotes	1	1
	LGU Hilongos	1	1
	LGU Javier	24	25
	Municipality of Baybay	200	65
	Pagkaon Scholarship	45	46
	PARRFI	4	5
	PPRI	-	1
	SGP-PA Scholarship	11	20
	ViSCCO	2	2
	VKV-VLV Frat/Sor Scholarship	2	2
	FA Bernardo FAP	5	0
	IRRI-LANDBANK Scholarship	0	0
	<b>Sub-total</b>	<b>868</b>	<b>646</b>
<b>TOTAL</b>		<b>1,807</b>	<b>1,518</b>



*Sangguniang Barangay* – 13, CA Financial Assistantship – 6, CSSC Grant – 3; and 93 students of **VSU Villaba** availed of the following scholarships and grants: (Honorific Scholarship – 16, Academic Grant – 19, 4 Ps – 5, Barangay Official Dependents Grant – 13, Band Member – 21, ROTC – 7, CSSC Officers – 6, An Waray Party List – 4, CHED Scholarship – 2) (Table 6).

During the year, an average of 70 students in the Main Campus was hired as student assistants from January to December 2013. Moreover, thirteen (13) student-borrowers availed of the ViSCASELF loan, while 11 student borrowers availed of the SAFE loan window available for students' financial need. Furthermore, four (4) insurance claims of students were processed by the University Student Services Office (USSO) for the concerned student claimants.

The Scholarship and Financial Assistance Section conducted a Scholarship Forum, in coordination with the Department of Science and Technology (DOST) Region 8 on August 23, 2013 and the orientation program for the SGP-PA grantees student leaders and faculty members; facilitated the awarding of scholarship certificates to the recipients of the Cong. Jose Carlos L. Cari Scholarship during the awarding ceremony held on February 9, 2013;

## Guidance and Counseling

The *Guidance and Counseling Section* of USSO conducted individual or group counseling to students on matters related to their studies, career path and follow-up for referred students regarding their academic performance. It also conducted/facilitated the following seminars: Pre-departure Orientation Seminar for Nursing Students; Psychological First Aid and Psychosocial Support for Faculty and Students (in coordination with Ateneo); Self-awareness Seminar for BSN students; Peer Facilitators Training; General Orientation for New Students; Block Section Enrichment Session for New Students; VS-DOST Career Forum for High School; Leadership Enhancement Seminar for New Student Leaders; Seminar-Workshop on

Minutes Preparation; Seminar Stewardship and Responsibilities; Orientation Seminar on Rules and Guidelines in the Establishment of Student Organization; Stress Management, and held the Honors and Awards Convocation. Moreover, it interpreted psychological tests results of 2,909 new college and high school students and other clientele for vocational guidance, admission, work application and other purposes.

## Student Housing

The 26 student dormitory units of VSU Main Campus comprising 7 units for males, 17 for females and two (2) for co-ed residents had a total occupancy of 1,771 students. However, during the year, it accommodated a total of 1,868 students (26.52%) of the total student population during the 1<sup>st</sup> semester of SY 2013-2014 and 1,762 students (27.28%) during the 2<sup>nd</sup> semester of SY 2013-2014.

Aside from the regular student-residents in the dormitories and cottages, transients were also accommodated in the dormitories during school break periods. In Summer 2013, a total of 113 transient-residents were accommodated in dormitories coming from student interns from the Philippine Science High School and reviewees from the University Review Center.

Year-round major and minor repairs and maintenance work were carried out in the different dormitories.



*Prof. Manolo B. Loreto, Jr., Dean of Students, during the career guidance seminar.*

**Table 6.** Number of undergraduate scholars in the VSU External Campuses for the 1<sup>st</sup> Semester of SY 2012-2013 and SY 2013-2014.

TYPE OF SCHOLARSHIP	SY 2013-2014	SY 2012-2013
<b>1. VSU Alangalang</b>		
• Academic	14	18
• Honorific	1	1
• Barangay	66	71
• Canada-based Leyteños	0	2
• CSSC	3	3
• Alangalang LGU	21	22
• Capoocan LGU	4	3
• Jaro LGU	79	66
• San Miguel LGU	2	2
• Mayor Rolando T. Celebre (RTC)	67	61
• SGP-PA (4P's)	10	10
• DA-ACEF	3	4
• CHED Full Merit	3	0
• CHED Congressional	1	1
• CHED One-Town-One Scholar	2	2
• CHED Tulong Dunong	3	1
• An Waray Party List	4	14
• OFWDSP	3	2
• PDAF	24	0
• DOST	1	0
<b>Total</b>	<b>311</b>	<b>283</b>
<b>2. VSU Isabel</b>		
• Honorific	2	4
• University	3	2
• College	20	1
• CSSC Officers Grant	3	3
• Varsity Grant	0	3
• One- town-one-scholar	0	1
• An Waray Partylist	0	0
• Gen. Jun Medina Foundation, Inc.	0	12
• LGU Isabel	0	35
• Sangguniang Kabataan/Sangguniang Barangay	13	30
• Congressional (4 <sup>th</sup> District) Scholarship	0	0
• VSU-IC Alumni Association	3	2
• CA Financial Assistance	6	1
• CSSGPCD	0	1
• DOST-SEI	1	1
• PASAR Foundation	1	-
• Personal	1	-
<b>Total</b>	<b>53</b>	<b>96</b>
<b>3. VSU Villaba</b>		
• Honorific	16	-
• Academic Grant	19	-
• 4 Ps	5	-
• Barangay Official Dependents Grant	13	-
• Band Member	21	-
• ROTC	7	-
• CSSC Officers	6	-
• An Waray Party List	4	-
• CHED	2	-
<b>Total</b>	<b>93</b>	<b>-</b>

## Student Organizations and Activities

- During the School Year 2013-2014, 71 campus organizations were recognized by the University Student Services Office (USSO), namely: Course-Related Organizations – 26, Greek-Lettered Organizations – 15, Interest Organizations – 9, Regional Organizations – 2, Religious Organizations – 11, and SSCs and Student Body – 8.
- The following student organizations received awards during the 2013 Honors and Awards Convocation on March 5, 2013:
  - **Course-Related Organization of the Year Award**
    - ✓ Development Communicators' Society (DeCSo) – *1<sup>st</sup> place*
    - ✓ Organization of Biological Society (OBioS) – *2<sup>nd</sup> place*
    - ✓ Chemical Society (ChemSoc) – *3<sup>rd</sup> place*
  - **Service Organization of the Year Award**
    - ✓ Venerable Knights / Lady Veterinarian (VKV/VLV) – *1<sup>st</sup> place*
    - ✓ Tau Gama Phi/Sigma – *2<sup>nd</sup> place*
    - ✓ Alpha Phi Omega (APO) – *3<sup>rd</sup> place*
- The dormitory winners of the UISB Quiz Show were: **Zea Maize Men's Home** – *1<sup>st</sup> place*; **Mulberry Men's Home** – *2<sup>nd</sup> and 3<sup>rd</sup> places*.
- The **VSU Ultimate Frisbee Team** was the finalist during the Goodwill Ultimate Quatro held at VSU on August 3-4, 2013 and was declared Champion during the Southern Leyte Ultimate Frisbee held in Maasin in June 2013.
- The **VSU Agricultural Extension Society** won the Best Booth, Student Category, during the 89<sup>th</sup> VSU Anniversary celebration wherein 26 recognized student organizations participated in the University Booth-Making Competition and which also participated in the nightly activities for the anniversary celebration.
- A total of 662 activities of the different student organizations were coordinated by USSO which included community outreach, educational tour, socio-cultural, recreational, fund raising, and organizational development.
- The Student Organization and Activities Section of USSO facilitated the conduct of the oath-taking ceremony of the 116 campus advisers. Moreover, USSO recommended and coordinated the attendance of students to different international, national, and regional conferences and trainings.
- The different recognized student organizations in the Main Campus conducted the following activities: general assembly/board meetings, election of officers, orientation of new students, acquaintance party and induction of officers, general cleaning, "*Mugna sa MAPEH*", Cosplay Competition, Fun Run, Aquatics, educational field trip to Naval, Biliran and Cebu City and participated in the *Sinulog* 2013 Opening Salvo, food demo, blood letting, university-wide photo contest, *Pagalingan sa Zoo Technique*, *Karerang Pangkalikasan 2013*, *Mugna sa MAPEH*, *Mathinik* Contest, Goodwill Ultimate Frisbee, *CAS na* Cash Promo and Logo-Making Contest, Chem Minute-to-Win-It, film showing, and Chem Costume Day, talent showdown; medical service, blood pressure (BP) taking, CBG test vaccination, taking, bacterial streaking competition, bone/parasite identification, adventure race, open dart competition, essay-writing/poster-making contest, film showing, Civil Engineering Challenge 2013; Physics Olympics; SABS Valentines Express/Night Café/Grill & Kitchenette, tour guiding, cocktail mixing, quiz show, Phil Statistics Quiz, talent showdown, feeding program to school children of the neighboring barangays,

coastal cleaning, fishpond sanitation; conducted cleaning drive after the super typhoon Yolanda, Operation *Tulong* sa San Joaquin, Palo, Leyte; reaching out to victims of typhoon Yolanda at Dulag, Leyte; feeding and stress debriefing of the children victims of typhoon Yolanda at Brgy. Liberty, Mayorga, Leyte; helped in the repacking of relief goods; conducted tutorial classes/services in Chemistry, Math, Computer, Statistics, Economics, calculator operation, and Science-related subjects; celebrated the *Buwan ng Wika*, Nutrition Month, Math & Science Month; attendance to different kinds of seminars/congress/fora in line with their degree courses; participated in the university intramurals, VSU Anniversary parade and Interfrat Nite; documentation of anniversary activities; assisted in the construction of booths and in selling of seeds/food products during the VSU Anniversary; helped in the concreting and painting of Pangasugan Foot Bridge; assisted in the Pest Clinic project; co-sponsored the 2013 Flower & Garden Show and the National Rodeo Competition 2013; hosted Christmas Party for school children in selected schools of the neighboring barangays; gift-giving in Brgy. Punta, Baybay City; and paid tribute to graduating students.

In addition to the activities of the students in the Main Campus, the students in the external campuses conducted the following: Isabel Campus – conducted meetings and election of officers, Acquaintance Party and Induction of officers, campus cleaning after Typhoon Yolanda, Science Quiz Show, Science Fair, Brawling of the Minds, Math/Science Trivia, Team Building; attended convocation program, Thanksgiving Mass, Honors & Awards Convocation, and seminars conducted by the school for the students and other activities of student organizations; Alangalang Campus – participated in the orientation program, monthly class work and First Friday Mass, Acquaintance Party and induction of officers, Poster & Slogan Contest, Agricultural Skills Contest, Photography &

Exhibit Show, Rice Festival, Voice of VSU, Literary Musical Contest, College Founding Anniversary, Siday and Waray-waray Song Competition, Environmental Awareness/Statistics Quiz; Villaba Campus – conducted Math Fair/Quiz Show, tutorial classes, group studies, cleanliness and beautification activities, entrepreneurial activities, feeding program, and gift giving; actively participated in the College intramurals; and extended loan/financial assistance to their members.

## Placement of Graduates

USSO established linkage with other government and private agencies for possible employment of graduates. They coordinated the conduct of job fairs as requested by the following private companies: Motortrade, Simon Group of Companies, Convergys, and Toyota.

## FACULTY

### Awards/Achievements

A number of faculty and research staff in the VSU System reaped awards for their commendable performance in teaching and research in the different levels.

- **Dr. Anabella B. Tulin**, a Soil Science and Plant Nutrition professor of the Department of Agronomy and Soil Science of VSU, was awarded the **2013 Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA) Professorial Chair Grant** for her academic and research excellence in agriculture and rural development of Southeast Asia. On the other hand, **Dr. Lolito C. Bestil**, Head of the Department of Animal Science (DAS), was awarded the **2013 Philippine Agriculture and Resources Research Foundation, Incorporated (PARRFI) Professorial Chair Grant**.
- **Dr. Feliciano G. Sinon**, professor of the National Abaca Research Center (NARC)



and affiliate faculty of the Department of Agricultural Engineering (DAE), won **first place** in the *Agricultural Waste Utilization Category*, for his paper, entitled: “Development of a Village-Scale Plant Shredding Machine” and **Engr. Jean Katrine L. Boyles**, instructor of DAE won **first place**, in the *Agricultural Processing and Structure Category*, for her paper entitled “Comparative Evaluation of Different Processing Systems in the Production of Cereal-like Grains from Cassava” during the 63<sup>rd</sup> Philippine Society of Agricultural Engineers (PSAE) Convention on April 22-26, 2013 at the Cagayan State University, Andrews Campus, Caritan, Tuguegarao City, Cagayan.

- **Dr. Zenaida C. Gonzaga**, professor of VSU’s Department of Horticulture, won the **Best Paper Award** during the 13<sup>th</sup> *Philippine Society for the Study of Nature (PSSN), Inc. National Scientific Conference 2013* held on May 21-25, 2013 at the Cebu Business Hotel, Cebu City. Her paper was entitled “Protective Cultivation: A Strategy to Enhance Year-Round Production of High Value Vegetables in the Philippines.”
- **Prof. Winston M. Tabada**, Head of the Department of Computer Science, passed the iGov Certification Examinations for Joomla Trainors and Developers and Wordpress Developers and also for the admission to the iGov Pool of PKI Applications Developers conducted by NCC and by ASTI and DOST, respectively, at NCC Building, UP Diliman, Quezon City on June 10-14, 2013
- The following faculty members cum researchers of VSU won awards during the 25<sup>th</sup> *National Research Symposium* organized by the Bureau of Agricultural Research (BAR) of the Department of Agriculture (DA) on October 16, 2013: **Dr. Edgardo E. Tulin**, **Ms. Cynthia V. Godoy** and **Mr. Edgardo B. Barsalote** won the **Gold** as **AFMA Best R&D Paper Award (Applied Research TG/IG-Agriculture Category)** on the paper, entitled: “Development of ELISA-Based Technique for Detection of Antibiotic Residues in Meat and Meat Products.” The same paper was awarded the **Gold Medal Award** as **AFMA Best R&D Poster**; **Dr. Antonio P. Abamo**, **Mr. Raul T. Repulda** (DA-RFU 08) and **Mr. Mark C. Ratilla** won the **Gold** as **AFMA Best R&D Paper Award (Socio-Economic Research Category)** on their paper, entitled: “Analysis of Investment Needs for Banana (*Musa balbisiana*) Using Value Chain Approach: A Pilot Study in Selected Municipalities in the Province of Leyte”; and **Dr. Anabella B. Tulin, et al.**, won the **Bronze** in the *Applied Research TA/TV-Agriculture Category* for the paper, entitled: “Improving the Profitability, Sustainability and Productivity of Vegetable Grown in Marginal Uplands in the Southern Philippines through Site-Specific Nutrient Management.
- Eight (8) VSU professors were appointed **Members of the Technical Working Groups (TWG) of the National Seed Industry Council for Calendar Year 2013-2014** by Hon. Proceso J. Alcala, Secretary of Agriculture (DA) and Chairman of the National Seed Industry Council (NSIC), namely: **Dr. Dilberto O. Ferraren** – Chairman of the *Rootcrops Technical Working Group* while **Prof. Algerico M. Mariscal**, **Dr. Nestor L. Pido**, and **Dr. Jose L. Bacusmo** as members; **Dr. Otherlo B. Capuno** – member of the *Corn and Sorghum Technical Working Group*; **Dr. Rosario A. Salas** – member of the *Vegetable Crops Technical Working Group*; **Dr. Ruben M. Gapasin** – member of the *Fiber Crops Technical Working Group*; and **Prof. Elizabeth D. Briones** – member of the *Ornamental Crops Technical Working Group*.
- **Dr. Roberto C. Guarte**, VSU’s Vice President for Administration and Finance and Dean of the College of Engineering, was

elected President of the Association of Agricultural Engineers in HEIs in the Philippines, was reappointed Member of the Technical Committee for Agricultural Engineering (TCAE) by the Commission on Higher Education for another two (2) years, 2012-2014, and was appointed Member of the Engineering Accreditation Commission (EAC) of the Philippine Technological Council (PTC) to evaluate and accredit BS Engineering degree programs offered by all HEIs in the Philippines.

- **Prof. Winston M. Tabada**, Head of the Department of Computer Science & Technology (DCST), attended the ITPEC Question Formulation Meeting (QFM) sponsored by the Information Technology Promotions Agency (IPA), Japan in coordination with the Philippine National IT Standards (PhilNITS) Foundation, Inc., on December 5-7, 2012.

## Faculty Strength

Two hundred eighty-eight (288) faculty members of the VSU Main Campus (88 PhD, 126 MS/MA, and 74 BS) carried out their instruction, research, extension, and production activities. Forty-four (44) were detailed in research centers (24 PhD, 19 MS/MA/MEd, and 1 BS) and the rest were in the academic departments.

A total of 111 faculty members of the external campuses supported their various programs: VSU Alangalang – 27 (5 PhD, 11 MS, 11 BS); VSU Isabel – 36 (1 PhD, 9 MS, 26 BS); VSU Tolosa – 26 (3 PhD, 15 MS, 8 BS); and VSU Villaba – 22 (4 PhD, 12 MS, 6 BS).

## Scholarships

Thirty-seven (37) faculty members of the VSU Main Campus pursued advanced studies in different fields of specialization: 2 for Post Doctoral, 24 for PhD/DEd and 11 for MS/Med, with scholarship grants from Fulbright, AREAS, Four European Universities, EXPERTS, Erasmus Mundus Action 1 & 2 (EMA 1 & 2), Deutsche

(DAAD), Philippine Council of Aquatic Marine Research and Development (PCAMRD), Department of Science and Technology (DOST), DOST-PCARRD-SEARCA, PCAMRD-DOST, Commission on Higher Education (CHED)-VSU, and VSU Fellowship/Graduate Assistantship.

Nine (9) faculty members from the external campuses pursued advanced studies: 2 for PhD and 7 for MS degrees, two (2) each from Villaba (PhD) and Isabel (MS), one (1) from Alangalang (MS), and four (4) from Tolosa. Their scholarship grants were from DOST and Faculty Development Fund (Table 7).

## Seminars/Workshops/ Trainings Attended

To promote quality instruction and uphold excellence in teaching, the faculty members of the University System attended different seminars, trainings, conferences, workshops in their fields of specialization to upgrade/update their knowledge. During the year, a total of 1,197 academic staff of the VSU System attended 489 trainings/seminars/conferences which included 37 international, 137 national, 119 regional, and 196 local trainings (Table 8).

## Publications

Eighty-one (81) VSU faculty and research staff authored/co-authored scholarly and professional articles published in national and international journals.

## LIBRARY SERVICES

### Acquisitions & Donations

The University Library continued to acquire additional learning materials and references through purchase, donations or exchange. During the year, the number of library holdings both print and non-print was 69,968 volumes.

**Table 7.** Number of faculty on study leave/post-doctorate of the VSU System.

Dept.	No. of faculty	Degree Pursued		Funding Agency	Place of Study	Field of Specialization
		MS	Ph.D./Ed.D			
VSU Main Campus						
DTE	1	-	1	CHED	USC Cebu City	Res & Evaluation
DCHM	1	1	-	VSU Fellowship	De La Salle Coll. of Bernilde	Tourism
IHK	1	-	1	VSU Fellowship	SWU, Cebu	Physical Educ.
DLABS	2	-	2	VSU Fellowship & CHED	ADMU, Manila	Eng. Lang & Lit.;
DoPAC	2	-	2	VSU Fellowship	USC, Cebu City	Anthropolgy
DBS	4	2	2	VSU Fellowship	UPLB, USC	Ag. Chemistry; Chemistry
				PCMARD-DOST, OLIR-OUS, VSU Fellow	USC, UPLB, Belgium	Marine Eco/Taxo
						Molecular Biology
						Molecular Genetics
DMPS	5	2	3	CHED, DOST, VSU Fellowship	UP Diliman, USC, DLSU	Statistics, Math, Physics
DCST	2	2	-	DOST, VSU	USC Cebu City, UPLB	Computer Sci., Information Tech
DDC	3	1	2	VSU Fellowship	UPLB	Dev Com
DAS	1	1	-	Four European Universities	Sweden	Animal-Derived Foods
DFST	2	-	2	DOST	UPLB	Food Science
DDC	2	1	1	VSU -SEARCA; CHED	UPLB	Dev Com
DOH	2	-	2	DOST, VSU-DOST	UPLB	Tissue Culture; Propagation & Nursery Mgt.
DPBG	1	1	-	Erasmus Mundus	Italy-Germany-Denmark	Molecular Biology
DFS	2	-	2	DAAD, DOST-PCARRD-SEARCA	Univ. of Goettengin; UPLB	Forest Ecology; Silviculture
ITEEM	2	-	2	PCAMRD	Cebu City	Marine Biology
CON	1	-	1	VSU Fellowship	UPLB	Nursing
NARC	1	-	1	DOST	UPLB	Plant Path
DDC	1	Post Doctoral		Erasmus Mundus	Univ of Leueven, Belgium	
DPM	1	Post Doctoral		Erasmus Mundus	Univ. de Santiago, Spain	
TOTAL	37	11	24			
External Campuses						
VSU Alang-alang	1	1	-	VSU Alangalang Faculty Dev. Fund	VSU	Education
VSU Isabel	2	2	-	DOST; VSU Isabel Fellowship	UP Los Baños; USJR	Env'tl Science; Indust'l. Eng'ng
VSU Tolosa	5	5	-	DOST, VSU Fellowship	UPV-Iloilo, UPV-Diliman, WMSU	Aquaculture, Ocean Sciences, Chemistry, Criminal Justice
VSU Villaba	2	-	2	DOST	CLSU, Nueva Ecija	Plant Breeding; Horticulture
TOTAL	10	8	2			

**Table 8.** Trainings/seminars/workshops attended by faculty in 2013.

DEPARTMENT/COLLEGE/ CENTER/INSTITUTE	INTERNATIONAL		NATIONAL		REGIONAL		LOCAL	
	No. of Training	No. of Participants	No. of Training	No. of Participants	No. of Training	No. of Participants	No. of Training	No. of Participants
College of Agriculture								
DAS	-	-	4	4	2	2	10	13
DASS	11	11	8	14	9	25	3	6
DDC	7	7	6	11	15	25	19	26
DOH	6	7	9	10	6	24	8	14
DPM	7	8	20	36	25	41	16	22
DFST	-	-	3	4	-	-	14	22
College of Arts & Sciences								
DBS	2	2	8	11	-	-	18	33
DLABS	2	5	6	7	-	-	-	-
DoPAC	3	4	16	20	5	6	9	32
DMPS	-	-	5	5	1	1	-	-
College of Education								
DTE	2	3	2	7	4	7	7	32
DCDE	0	0	2	4	4	4	9	11
VSULHS	1	1	1	1	2	13	-	-
IHK	-	-	2	2	4	5	1	1
College of Engineering & Agri-Industries								
DAE	1	3	3	6	1	3	-	-
DCE	-	-	1	1	1	1	7	20
DGE	-	-	1	1	4	6	-	-
DME	-	-	1	2	-	-	6	21
DCST	-	-	5	5	3	5	-	-
College of Management & Economics								
DBM	1	1	2	2	1	1	4	13
DCHM	-	-	-	-	2	5	-	-
DOE	1	1	4	5	-	-	14	19
ISRDS	9	9	11	11	-	-	3	3
College of Forestry & Environmental Science								
DFS	-	-	4	5	5	6	7	12
ITEEM	-	-	1	2	4	4	6	6
IEG	-	-	-	-	1	1	1	1
College of Vet. Medicine	2	2	8	17	-	-	8	14
College of Nursing	-	-	9	11	10	21	4	11
<b>Sub-total</b>	<b>55</b>	<b>64</b>	<b>133</b>	<b>204</b>	<b>109</b>	<b>206</b>	<b>184</b>	<b>332</b>
Research Centers/Office								
NARC	1	1	13	21	3	3	7	19
NCRC	-	-	14	19	1	1	7	10
PhilRootcrops	8	8	5	5	3	3	-	-
<b>Sub-total</b>	<b>9</b>	<b>9</b>	<b>32</b>	<b>45</b>	<b>75</b>	<b>7</b>	<b>14</b>	<b>29</b>
External Campus								
Alangalang Campus	3	3	7	9	6	12	14	113
Isabel Campus	-	-	5	6	22	49	25	292
Tolosa Campus	1	1	11	17	5	6	7	40
Villaba Campus	-	-	2	2	1	1	11	67
<b>Sub-total</b>	<b>4</b>	<b>4</b>	<b>25</b>	<b>34</b>	<b>34</b>	<b>68</b>	<b>57</b>	<b>512</b>
<b>GRAND TOTAL</b>	<b>77</b>	<b>77</b>	<b>190</b>	<b>283</b>	<b>150</b>	<b>281</b>	<b>255</b>	<b>873</b>



It collaborated with the Department of Science and Technology (DOST) 8 and availed of the Science and Technology Academic and Research-Based Openly Operated Kiosk (STARBOOKS), a one-stop Science and Technology Information portal of digitized science and technology resources in various formats like text, video and audio that were placed in a specialized designed “pods” in a user-friendly interface. It is also a recipient of the Philippine Energy Efficiency Project of the Department of Energy (DOE) wherein they replaced the previous lighting equipment of the Library and provided it with a more energy-saving lighting equipment.

It received donation of 42 books in various disciplines from the Asia Foundation. The Technical Section of the University Library acquired one (1) Acer laptop to be used for orientation/instruction programs and out-of-office documentation; five (5) units of wall fans were added to the Circulation and Filipiniana sections and the High School Library acquired a 36-inch LCD television set. The Graduate Reading Area in the University Library is now fully air-conditioned.

The libraries of the external campuses also acquired books during the year: VSU Alangalang – 234 titles (388 volumes); VSU Isabel – 246 books (82 titles) and 58 volumes of journals and magazines; and VSU Villaba – 202 books.

## ALUMNI

- The VSU Alumni Association (VSUAA), Inc., through **Batches 1986 and 1987**, sponsored the ***VSU Grand Alumni Homecoming 2013*** on May 17-19, 2013 which focused on the theme: *“Hisgutay, Agik-ikay, og Tinabangay VSU Alumni”*.
- The Visayas Agricultural College (VAC) Batch ‘63 “Golden Jubilarians” sponsored a ***Talent Showdown*** on April 27, 2013 at the Amphitheater of the VSU Laboratory High School.
- The 2013 VSU Alumni King and Queen raised an amount of P151,692.29 for the *“Tabang Mo, Kaugmaon Ko”* Scholarship Program of the VSU Alumni Association (VSUAA), Inc.
- The Department of Horticulture (DOH) of VSU organized the ***First Grand Horticulture Alumni Homecoming*** (1983-2013) on May 15-16, 2013 at the VSU Main Campus.

## Alumni Achievements/Awards

- **Mr. Ronaldo C. Villaver**, a 1983 BS in Agriculture (BSA) major in Horticulture graduate of the then ViSCA, received the



The 2013 VSU Alumni King and Queen, Mr. Nicolas Aloysius R. Warque & Ms. Zarah Gayrama-Borines; 1<sup>st</sup> Runner-up - Mr. Eusebio Olleras and Ms. Elsie Estrada-Salamat (Batches '76 & '77) and 2<sup>nd</sup> Runner-up, Mr. Romeo Belarmino & Ms. Anacrita Villas-Belarmino (Batches '70 & '75).

**Most Outstanding Horticulture Alumnus Award** given by the Department of Horticulture during the First Grand Horticulture Alumni Homecoming (1983-2013) on May 15-16, 2013 at the VSU Main Campus.

- **Mr. Ian Kim P. Gahoy**, a 2013 BS in Development Communication (BSDC) graduate of VSU received the **Best Undergraduate Student Thesis Award** for his research, entitled: “Effectiveness of Computer Game in Improving Elementary School Pupils’ Intake of Fresh Buffalo Milk”, during the 1<sup>st</sup> National R&D In-House Review of the Philippine Carabao Center (PCC) on May 29-30, 2013 at the PCC National Headquarters and Gene Pool, Science City of Muñoz, Nueva Ecija.
- **Mr. Ismael Aya-ay**, a 1980 BS in Agricultural Development Education (BSADE) major in Development communication graduate of the then ViSCA, was appointed Assistant Regional Director of the Department of Agrarian Reform (DAR) Region 8 by the DAR Secretary, Virgilio de los Reyes.
- Two (2) alumni who were placers in the 2012 PRC Licensure Examinations were given medals and cash awards during the VSU’s 60<sup>th</sup> Collegiate Commencement Exercises on April 5, 2013, namely:
  - ✓ **Engr. Jackson A. Bellen** – 3<sup>rd</sup> placer, **Congressman Jose Carlos L. Cari Award of Excellence for Agricultural Engineers**
  - ✓ **Engr. Jefferson T. Cello** – 10<sup>th</sup> placer, **Board Member Florante A. Cayunda, Jr. Award of Excellence for Geodetic Engineers**



Mr. Ronaldo C. Villaver (3<sup>rd</sup> from left), together with VSU Mentors (L-R): Dr. Rebecca M. Santiago, Dr. Othello B. Capuno, Prof. Elizabeth Briones, \_\_\_\_\_, \_\_\_\_\_, & Dr. Antonio Acedo.

## Alumni Activities

- Four (4) lawyers, who were graduates of the then Visayas State College of Agriculture (ViSCA) and now VSU, provided pro bono legal consultations at the VSU Convention Center on May 18, 2013 during the 2013 VSU Grand Alumni Homecoming, namely: **Atty. Johnson G. Cañete**, 1977 BS in Agriculture (BSA); **Atty. Jose Wayne Lawas**, 1987 BS in Agricultural Engineering (BSAE); **Atty. Renato Esmale**, 1992 BS in Development Communication (BSDC); and **Atty. Emeterio Villanosa, Jr.**, 1978 BS in Agricultural Engineering. There was also a free medical consultation conducted by Dr. Dennis Esquibel of Tacloban City.
- The **VSU Alumni Batches '86 and '87** conducted *Community Outreach Program* in Brgy. Guadalupe, Baybay City, Leyte on May 19, 2013 with the following activities: distribution of school supplies from the different elementary schools in Japan to the elementary pupils of Guadalupe; basket full of school supplies to the Day Care Center from the Japan donors; television and DVD sets from the donors of USA; and a box of generic medicine to the Barangay and cooked hotdogs from Mr. Rey F. Evangelista.

## OFFICE UNDER THE VICE PRESIDENT FOR INSTRUCTION

The **Online Programs Office (OPO)** was created in 2013 which is composed of the three separate units, namely: Multimedia Development Center (MMDC), VSU Open University (VOU) and the VSU Printing Press. It was tasked to coordinate the distance education program of the University and operationalize the offering of

graduate courses through the online mode. It also continued to provide video documentation, video recording, video editing, printing and binding services to the faculty, staff and students of VSU. It also continued to provide the faculty and students with access to its facilities.

VSU's station DYAC served as a laboratory facility for instruction, the Studio C of DYAC was used as a classroom for DevCom broadcasting students while the announcer's booth was used in their practicum.



*Dr. Rotacio S. Gravoso, DDC faculty, instructed a Community Broadcasting major on how to handle the console at the Announcer's Booth (left) and Community Broadcasting majors rehearsed for their drama production at the Studio C of VSU Radio DYAC (right).*

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



During the 5th VSU RDE Management Forum and Triparlife Budget Dialogue on January 17-18, 2013.

The University implemented 231 researches during the year, of which 41 were completed, 124 were ongoing and 31 were new (Table 9).

## MATURE TECHNOLOGY

- Cabbage waste material amendment to the soil can significantly reduce bacterial wilt incidence.
- Plant Oil Stove
- Synthetic Gas (SynGas) Generator for Small Power Generation
- Hydroxy Gas Generator
- *Trichanthera gigantea* forage supplementation for improving performance of lactating sows and piglets
- *Trichanthera gigantea* forage supplementation with rootcrop-based concentrate for sheep and fat-lamb production
- Ration formulation to achieve “Phase feeding” scheme for maximum egg production of ducks and quail
- Concentrate supplementation and grazing on “pinto peanut” (*Arachis pinto*) for native chicken production
- Tall and dwarf coconut varieties appropriate for food processing
- Growth and yield characteristics of precocious hybrid macapuno bearing palms



**Table 9.** Number of projects/studies by commodity/discipline.

Commodity	Ongoing	Completed	Total
Rice	4	2	6
Abaca	10	4	14
Rootcrops	31	7	38
Coconut	8	3	11
Fruits & Vegetables	20	2	22
Natural Resources Management	6	8	14
Higher Ed/Socioeconomics/Rural Sociology	3	11	14
Poultry & Livestock	5	1	6
Farming Systems	1	1	2
Climate Change	2	0	2
Fisheries	0	3	3
Corn	1	0	1
Sago	1	0	1
Bamboo	0	1	1
<b>TOTAL</b>	<b>92</b>	<b>43</b>	<b>135</b>

## GERMPLASM COLLECTION

The different research centers of VSU Main Campus continued to enrich the germplasm collections as source of their planting materials. However, with the damage brought by super-typhoon Yolanda, only few accessions were left, as follows: **PhilRootcrops** – 2,033 accessions of rootcrops consisting of 969 sweetpotato, 322 cassava (NSIC varieties – 47, local varieties – 41, elite lines – 85, PhilRootcrops – 50, IPB – 7, and foreign accessions – 92), 349 yam (*D. alata* – 216, *D. esculenta* – 78, *D. bulbifera* – 16, *D. hispida* – 20, *D. rotundata* – 18, and *D. pentaphylla* – 1); 301 taro, and 92 minor root crops (yambean – 45, arrowroot – 36, yautia – 6, giant taro – 2 and *pungapong* – 3); **NARC** – collected 27 new abaca accessions from the following provinces: Catanduanes – 4, CAR – 4, Leyte – 1, Aklan – 9, and Iloilo – 9; **NCRC** – 46 accessions (28 tall and 18 dwarf coconut accessions).

## NEW CASSAVA VARIETY

The National Seed Industry Council (NSIC) approved a new cassava variety called **NSIC CV-48** from Rayong 72 which is intended for industry use because it is high yielding, it is resistant to scale insects, spider mites and brown leaf spot, and it has a moderate HCN content.



NSIC CV-48

## RESEARCH HIGHLIGHTS

### Potential Source of Renewable Energy

***Performance Evaluation on the use of 100% Biodiesel as Fuel for a Used Vehicle of the Province of Leyte.*** The evaluation of the performance of an Isuzu Fuego pick-up using 100% biodiesel was conducted. The results showed that it was possible to run the pick-up using 100% biodiesel without any change of the engine

***Development of Hydroxy Gas Generator for Small Power Generation.*** Three (3) models of hydroxy gas generators and two (2) electronic controls for the automated operation of the hydroxy gas generator were developed. The technical performance evaluation of these gas generator prototypes was also conducted.

***Development of SynGas Generator for Drying Applications.*** Two (2) prototypes of syngas generators were developed and the performance of the first prototype was already evaluated. The project is now developing the syngas prototype for household applications.

### Product Development/Improvement of Food Products

***Process and Product Operation for Vacuum Fried and Dehydrated Jackfruit Pulp.*** The sensory attributes of vacuum fried jackfruit, except for its taste and color, were significantly affected by blanching time and temperature. The yellow color intensity and TSS of the product were significantly affected by blanching schedule. The optimum blanching schedule was 1-3 minutes and the blanching temperature was 90-93.25°C.

The freeze thawing cycle significantly influenced the sensory quality of vacuum fried jackfruit. Color intensity, TSS, moisture content and weight recovery of the product were also significantly

affected but freeze-thawing cycle did not significantly affect the TA, pH and oil loss. The zero (0) freeze-thawing got significantly higher mean acceptability rating.

For dehydrated jackfruit, freeze-thawing affected the color of the product but it did not influence the other sensory attributes. The optimum freeze-thawing cycle for dehydrated jackfruit was 7 days freezing and zero thawing. However, 28 days freezing and two (2) hours thawing still resulted in an acceptable product.

Nine (9) frying cycle significantly affected the color, aroma, taste and general acceptability of vacuum fried jackfruit. Although, single frying cycle got significantly higher mean acceptability rating equivalent to “like very much”, other treatments also got a mean rating close to “like very much” category of the 9-point hedonic rating scale.

***Process and Product Development for Low-Grade Jackfruit Pulp and Co-Products.*** Several products from low-grade jackfruit pulp and co-products were developed including jackfruit pith and jackfruit seed flour, canned jackfruit peel in coco milk (gata), gummy candy using jackfruit concentrate, coffee-like product from jackfruit seed, cereal-like jackfruit seed, burger patty from jackfruit pith, jackfruit seeds in tomato sauce, jackfruit seeds in light syrup, puree from trimmings and underdeveloped jackfruit pulp, and wine from different jackfruit co-products.

Jackfruit pith and jackfruit seed flour were utilized as meat substitutes for the production of burger patties. Thickness expansion and oil absorption of the patty were not significantly affected by levels of pith and seed flour. Weight loss was significantly lower in treatment with high pith and seed flour level while percent recovery was significantly higher. The optimum level of seed and pith acceptable for burger patty production was 55% and 65%, respectively.

The sensory acceptability of canned jackfruit peel in coco milk (gata) was significantly enhanced by the concentration of coco milk. The product was acceptable by 61% of the consumers.

The gummy candy was processed using jackfruit concentrate, a by-product of dehydrated jackfruit processing. It was enhanced by incorporating carrageenan and jackfruit puree from low grade jackfruit pulp. The optimum level for jackfruit puree ranged from 34-37.5% to 12.22% carrageenan. The product was acceptable by sensory panelists and consumers.

Jackfruit seed was also processed into a coffee-like product. Roasting time of 11.4-11.8 minutes and roasting temperature of 88-90°C is the optimum roasting condition that can give acceptable product.

**Sweetpotato flakes.** The sweetpotato flakes were produced from variety NSIC SP-30, a variety that has high potential because of its resistance to pests and diseases and its natural yellow-orange color which is the usual color for most flake products. Sweetpotato flakes can be produced using the process with the following optimum conditions for drying temperature (°C)-drying time (min)-toasting time (min), respectively: 75-50-20, 80-50-20, 80-50-18, 85-50-20 and 90-50-20.



*Sweetpotato flakes*

**Taro sweetener.** Two (2) forms of natural sweetener in granules and syrup forms were produced from taro utilizing the potential isolates through fermentation process. The sweeteners produced were subjected to qualitative tests for simple sugar and the results showed that taro sweetener contains different types of sugars. The combination of these sugars could offer a



*The taro sweeteners both in granules (left) and syrup (right)*

potential functional product that would provide health benefits other than the basic sweetening functions. The fructose and the inulin contents were quantitatively determined from the taro sweetener suggestive of its functional properties.

**Cocoyam yoghurt.** Three flavored cocoyam yoghurts were developed to increase sensory acceptability, namely: mango (20% bits: 10% bits), pineapple (20% bits: 10% bits), and macapuno-nata (20% macapuno puree: 15% nata-de-coco bits). The flavoring concentrations were optimized based on sensory acceptability. The consumer preference of the developed flavored yoghurts was assessed and the most preferred cocoyam yoghurt flavoring was mango, followed by pineapple, and lastly, macapuno with nata bits.

**Processing characteristics of recommended rootcrop varieties.** Eight (8) recommended varieties were evaluated for grates and flour products physical qualities and functional properties, namely: NSIC Cv-30 (Rayong 5), UPLCa-2 (Lakan 1), NSIC Cv-42 (Rajah 4), NSIC Cv-39 (Rajah 3), NSIC Cv-32, NSIC Cv-28, PSB Cv-11 (Lakan 2) and PSB Cv-12 (Lakan 3). Two traditional varieties were also included as checks varieties: Golden Yellow and Kapulutan. Criteria for selection were based on high root yield, high dry matter content, low HCN level, and for food utilization.

In terms of root yield, Rajah 3 obtained the highest at 37 ton/ha, followed by Lakan 1, Rajah 4, Rayong 5, and NSIC Cv-32.

In terms of grates/flour recovery, Rayong 5 got the highest at 34.89% grates or flour recovery, followed by Lakan 1, Lakan 2, Kapulutan, and



Coconut water probiotic beverage treatment 1-12

Cv-28. These are the best varieties considered from the processors' point of view. However, if the farmer-supplier's side is considered, flour yield per hectare becomes an important indicator. As revealed in this study, Lakan 1 ranked first having flour yield of 11.53 ton/ha, followed by Rayong 5, Rajah 3, Rajah 4, and Cv-32.

The physical characteristics of the grates and flour products were found to be significantly indifferent from among the varieties evaluated. Fine particles (sieve no. 60) were observed to have 12.08% in grates and 92.46% in flour, coarse particles at 87.92% and 7.54% for grates and flour, respectively. Bulk density data indicated that flour is much heavier at 450.60 kg/m<sup>3</sup> compared to grates which only had 352.40 kg/m<sup>3</sup>. Grates had larger pore spaces and EMC values than that of flour products. The color of the flour product was retained but lighter than the root flesh color. Varieties that exhibited a light yellow tinge were Rajah 3, Lakan 1, NSIC Cv-32, and Golden Yellow while the rest of the varieties had bright white color.

Preliminary studies on the basic functional properties of flour from different cassava varieties were conducted to determine the potential of cassava as wheat flour substitute for yeast-leavened bread production. Results revealed that Rayong 5, CV-28, Lakan 2, NSIC CV-32, Golden Yellow, and *Kapulutan* showed positive potentials in bakery products in terms of water absorption, gelatinization temperature, gelation concentration, and dough qualities.

***Utilization of Cocowater into Flavored Probiotic Beverage (Phase 2 – Process Optimization of the Different Variable Combinations).*** In the initial study conducted

wherein different flavorants were screened, mango was the most acceptable flavorant. In Phase 2 of the study, 12 treatments were evaluated composed of three (3) levels of mango (0%, 10% and 20%) and four (4) different incubation time (0, 8, 16, 24 hours). The microbial count, sensory acceptability of the product which included color, sweetness, sourness, flavor and general acceptability, and the physico-chemical properties (TSS, pH and TA) were evaluated. Strain from yakult probiotic drink was used for the starter culture preparation because according to Lorriene Heller (2008), yakult contains more than eight (8) billion of *Lactobacillus casei* strain in every (75ml) serving of yakult drink, thus a good source of probiotic microorganisms.

Microbial examination showed that lactic acid bacteria could grow in coconut water beverage as proven by the growth of colony forming units (cfu) in the culture medium. Even if mango has its inherent sugar that may favor microbial growth, a different result was observed because the microbial count of the flavored cocowater probiotic beverage was inversely proportional to the level of flavorant added. The result showed that the highest the level of flavorant used the least growth of microorganisms was observed maybe because of the preservatives in mango puree that may limit the growth of microorganisms.

As cited by Lorraine Heller (2008) probiotic product should contain 5 to 10 billion strains of bacteria in order to have a beneficial effect and they need to be active and ingested in high quantities. The cocowater probiotic beverage contains 1.8 billion probiotic bacteria in every one (1) ml of the product under controlled condition with the pH 5.6 and TSS 4.5ÚB.



Therefore, coconut water as by-product of many processes can be utilized and can be a very good potential for probiotic beverage production. The sensory acceptability of the product needs to be assessed and studied further to produce a promising result. On the other hand, fresh mango should also be considered aside from processed/ready-made mango puree to facilitate the growth of microorganisms.

## Processing Machines Development

### *Palay Drying and White Copra Making Using the Coconut Shell Charcoal Burner as Fuel in a Flat Bed Forced Draught Dryer.*

The study utilized the metal burner containing the coconut shell charcoal that will automatically generate 40°C to 50°C temperature but not to exceed the 60° maximum allowable drying temperature for palay and thermometers are no longer needed during drying. The burner used centrifugal type fan which would prolong the lifespan of the pillow block bearings and it required minimum maintenance than when using the axial type fan.

The burner had the following characteristics: The electric motors could be 2 or 3 horsepower rating with a capacity of 20 sacks of palay which required 8 to 14 hrs. drying time to reach 14% moisture content using a 3 hp. that could consume an average of 2 kg of charcoal per hour of drying. The break-even cost per sack of drying was P16.20, while the sun drying cost in the locality was P25.00 per sack.

Many farmers used the dryer because the technology is simple and low-cost and that there is no distinct dry and wet season in Eastern Visayas.

The *multi-crop solar dryer* is made mainly of twin-wall polycarbonate sheets with angle bar framing and with three (3) layers of removable aluminum screen trays with aluminum framing. It has three (3) solar heat collectors that provided additional heat to the drying chambers.

Initial results of the evaluation showed that the maximum average drying temperature attained in the chambers of the solar dryer was 67.6°C or an increase of 32.2°C from the average highest average outside temperature of 35.4°C. When the solar heat collectors were removed, the solar dryer was able to attain an average maximum temperature of 57.5°C or an increase of 24.5°C from an average outside temperature of 33.0°C. When evaluated to dry fresh *saluyot* leaves, with initial moisture content of 89.58%, and sweetpotato tops, with initial moisture content of 94.50%, in two (2) hours and 20 minutes, the solar dryer was able to reduce the moisture content, wet basis, of the *saluyot* leaves and sweetpotato tops to an average of 26.54% and 28.54%, respectively. The solar dryer was able to dry faster than the sundrying method which was only able to reduce the moisture content to an average of 47.14% and 71.0% of the *saluyot* leaves and sweetpotato tops, respectively.

## Socio-Economic Evaluation/Assessment

### *Socio-economic Impact Evaluation Survey of Selected Installed RES in Region 8.*

Socio-economic impact surveys were conducted to the following household beneficiaries: 92 beneficiaries for the solar streetlight and 79 for the solar water pumping from Brgy. Cabulihan, Limasawa; 60 beneficiaries for the solar battery charging systems from Monterico, Baybay City as well as from Balugo, Capoocan, Leyte; and 80 beneficiaries for the micro-hydro system from Brgys. Mahagnao, Cansiboy, and Logsongan of Burauen, Leyte.

### *Assessment of Organic Farming Practices in Hilly/Uplands in the Visayas.*

The upland farmers of Leyte and Iloilo were found to practice various organic farming systems. However, feedbacks indicated that organic farming resulted in low yield at the beginning and tended to be laborious and its significant effects were felt after few years of adoption. Most of the respondents revealed that organic farming produced healthy and clean food and

resulted in a healthy and clean environment. The market for organic farm products is not established yet and the price for organic products tends to be just the same as inorganic farm products, although cost of production for inorganic farm products is higher compared to organic farming.

**Consumer Acceptance and Promotion of VSU Cocofresh.** Consumer acceptability evaluation was conducted among 200 respondents consisting of elementary, high school, and college students, and adults (n=50 for every group). The result showed that 92% of the respondents from each category liked the cocofresh because of its health benefits and delicious taste while 8% disliked the product.

The mean general acceptability scores of all evaluators ranged from 7.56 to 7.70 which falls between the “like moderately” to “like very much”, except for the college evaluators that fall under “like moderately” category in the 9-point Hedonic scale. The reasons given by evaluators for liking the product included: it was refreshing, healthy, cool, delicious, has natural taste, and helpful in the body. Ten (10%) percent of the elementary pupil evaluators disliked the product because, according to them, although the buko was fresh but it needed a little sugar to make the taste impressive.

The physico-chemical properties of the bottled cocofresh subjected for consumer evaluation had a TSS of 5.6°Brix and a pH of 5.7 which is in the normal level of the beverage. The titratable acidity was 0.06% as lactic acid which is a desired concentration of the product because it is low.

## Postharvest

**In Vitro Free Radical Scavenging Activity of GRAS-coated Vegetables.** Several phytochemicals were screened for the shelf-life enhancement of vegetables such as tomato, eggplant, pole sitao, bitter gourd, and muskmelon. The result of the first experiment indicated the sustenance of free radical scavenging activity

(FRSA) of tomato fruits coated with phytochemical extracts when stored under ambient condition. Even the application of coating solutions derived from hagimit plant at four (4) days and six (6) days after harvest gave good results on mature red tomato fruits' shelf-life.

The second experiment indicated an enhancement of free radical scavenging activity of eggplant coated with turmeric and cat's whisker extracts. The untreated eggplants lasted only for four (4) days but those with phytochemical coatings the shelf-life were extended for another four (4) days.

The result of the third experiment indicated an incremental reduction of the free radical scavenging activity of bitter gourd coated with hagimit and cat's whisker extracts stored under ambient condition.

## Characterization of Accessions

### **DNA Fingerprinting, Molecular, and Morphological Characterization of Abaca Accessions at the NARC Germplasm.**

Molecular characterization and genetic diversity assessment helped in the precise and definite selection or identification of abaca accessions for the conservation and purity of the germplasm. The advent of molecular marker technology had improved the genetic characterization of any plant material and it has been employed in the characterization and evaluation of genetic diversity in *Musa* species. Microsatellite markers or simple sequence repeat markers (SSR) are currently the preference for germplasm fingerprinting because they characteristically exhibit high levels of polymorphism and show co-dominant mode of inheritance.

Seventeen (17) microsatellite markers were found polymorphic out of 52 obtained and were able to detect 100 alleles with an average of 5.88 per locus from 140 tissue-cultured abaca accessions studied. The number alleles per locus ranged from 2 to 9 and the polymorphism

information content (PIC) value ranged from 0.30 for mMaCIR27 to 0.84 for mMaCIR116 with an average of 0.62. The results suggest that mMaCIR116 was the most informative microsatellite markers used in this study and mMaCIR27 was the least informative. Positive correlations were found between number alleles to PIC and number alleles to genetic diversity. A positive correlation was also identified between PIC and genetic diversity.

Cluster analysis of 140 tissue-cultured accessions based on their dissimilarity coefficients separated the accessions into several groupings. Highest genetic diversity (1.000) was observed in several abaca accessions while the lowest dissimilarity coefficient was observed between Libutanay-10 and Inosa-Pula-16 (zero percent). The pairwise comparison among 140 tissue-cultured accessions ranged from 0.000 to 1.000 with an average of 0.66, indicating high diversity in which 66% of the accessions had dissimilarity index higher than 0.50. Furthermore, a comparison of DNA fragments between the field-collected and tissue-cultured abaca accessions. A low correlation of  $r = 0.43829$  was identified indicating high variation evolved in the tissue-cultured accessions.

## Development Project

***Upgrading of the VSU Coconut Tissue Culture Laboratory.*** This project was launched to enhance the existing tissue culture laboratory of the National Coconut Research Center-Visayas to support the national strategy in providing quality coconut seedlings through mass propagation from *in vitro* culture for massive replanting of old coconut trees in order to reinvigorate the coconut industry of the Philippines.

With the devastation brought about by typhoon Yolanda on November 8, 2013, the more that mass production of quality coconut seedlings is needed to be able to contribute to the mass production of coconut seedlings through somatic embryogenesis.

## SIGNIFICANT RESULTS OF COMPLETED RESEARCHES

***Assessment and Monitoring on the Status of Marine Resources Inside and Outside Marine Sanctuaries in Cuatro Islas, Inopacan and Selected Barangays in Baybay, City, Leyte.*** Resource monitoring was done inside and outside the marine sanctuaries of Apid, Digyo, and Mahaba Islands, Inopacan from 2007 to 2011 to determine the effect of marine sanctuaries on the status of marine flora and fauna through time. Transect-quadrat method with SCUBA was used to monitor the seaweeds, seagrasses, corals and other invertebrates, whereas fish visual census (FVC) was used for fishes. The physico-chemical factors like temperature, salinity, pH, dissolved oxygen and transparency were also recorded. The data collected were compared between sites and years. Support extension activities were conducted to strengthen the capacity of stakeholders in coastal resource management like seminars, workshops, and trainings.

Results showed that sustained sanctuaries and improved marine organisms reflect on how well the stakeholders manage their resources. Species composition, abundance based on percent cover or density, and diversity of the marine resources differ between sites and years. The marine resources were generally observed to be more abundant and diverse inside than outside the sanctuaries, which indicated the positive effect of protected areas. The physico-chemical factors were within the normal values that are characteristically found in the waters of tropical islands. Marine sanctuaries had generally enhanced the marine resources through the years. However, temporal variability of resources was observed which was mainly attributed to the amount of effort, cooperation and support given by the stakeholders in sustaining the management of the marine sanctuaries. The lessons learned from this study will provide directions in managing marine protected areas.

***Economic Analysis of Climate Change Impact Adaptation Strategies In Selected Coastal Communities of Sogod Bay, Southern***

**Leyte, Philippines.** Focus group discussions (FGD) and household surveys were conducted at the coastal municipalities of Bontoc, Sogod and Libagon, Southern Leyte to determine the climate change hazards, biophysical characteristics of the area, household characteristics and coping mechanisms adopted. Results showed that the study sites were prone and vulnerable to climate change impacts hazards particularly flooding, sea level rise, land slide and drought. Among these, flooding due to heavy rains and typhoons and storm surge were the most commonly experienced climate change impacts. Construction of permanent structures such as sea wall or river control for flood and erosion prevention due to sea level rise and heavy rains was proposed as planned adaptation strategy but this requires huge sum of money. Tree planting and mangroves reforestation were also suggested since they require minimal financial input and provide benefits other than flood control, however, these would take longer period before the benefits can be realized. The ability of the households to cope with climate change impacts was constrained by the limited resources, thus most of them were dependent on LGU-initiated projects.

**Marine Flora and Fauna Assessment in the Vicinity of Philippine Associated Smelting and Refining (Pasar) Corporation, Barangay Libertad, Isabel, Leyte.** The coastal area of PASAR, Isabel, Leyte was assessed to determine the abundance of marine biota, compared previous study, and formulate recommendations for the management of the coastal resources. Mangroves were assessed using transect line-plot method, corals with line intercept method, fishes with fish visual census, and meiofauna with corer.

Results showed that the coastal area of PASAR had poor biological resources. However, the presence of juvenile corals indicated that the reef was better compared to the last survey of BFAR in 2006 wherein no live corals were found. The major concern was the high siltation in the water column that affected the growth and abundance of mangroves, seagrasses, seaweeds, corals and fishes. Abundance of the diatom *Nitzschia* may pose danger not only to marine fauna but also

to human beings. Mangrove and associated organisms were growing well which can be enhanced by reducing the iron granulated slugs that settle at the mangrove area and transplanting of mangrove seedlings.

**Analysis of Investment Needs for Jackfruit (*Artocarpus heterophyllus*) Using Value Chain Approach: A Pilot Study in Selected Municipalities in the Province of Leyte, Philippines.** Key informant survey (KIS) data were analyzed using value chain analysis to examine and assess the profitability and efficiency performance of the Jackfruit (EVIARC Sweet) in Ormoc City and Mahaplag, Leyte.

The detailed value chain mapping revealed that fresh jackfruits from Ormoc and Mahaplag are sold locally and are brought by traders and assemblers to areas like Tacloban and Cebu City markets. Closer look at the data showed that an excess demand of about 60% and that 14 % of the current supply traded across the chain is utilized for processing in Ormoc while the remaining volume is sold to processors outside of the Region. Results further revealed that higher value addition per kg was relatively “skewed” to the traders and that farmers incurred only an average value addition of about P9.0/kg. across sites. Despite poor economies of scale performance at the processing segment level, products e.g. vacuum fried jackfruit, with promising market potential, generates the greatest value addition at about P17 per kg.

Identified logistics issues along the value chain showed among others that at the farmers’ node, there was a sizeable shortage of planting materials of grafted seedling and inadequate transport infrastructure, especially in Mahaplag. VC upgrading strategies call for strengthening extension support through entrepreneurial and business processes trainings to build capacities of upstream players to comply with the QPD requirements of the market. There is a need therefore to expand hectareage of jackfruit plantations to take advantage of economies of scale and cater to new and expanding markets. Moreover, strengthening and/or empowering existing rural-based organizations (RBOs) of



jackfruit farmers is imperative as value chain captains/champions and provide an enabling mechanism of governance for an improved jackfruit chain performance. Finally, provision of common service facilities for processing could be explored to expand the local processing activity into products with higher value adding and longer shelf life. All these investment options are recommended to transform the current jackfruit value chain to a higher plain of industry competitiveness and profitability.

**Up-Scaling Forest Restoration Efforts in Key Biodiversity Areas in Mt. Nacolod, Southern Leyte.** Reforestation was done to 60 hectares in Brgy. Sap-ang, Silago So. Leyte and Brgy. Kahupian, Sogod, So. Leyte using the rainforestation approach. A 3D Map model of Mt. Nacolod was produced and is now on display at the Silago Municipal Hall, So. Leyte. The project conducted rainforestation trainings, stakeholders meetings and environmental summit in Southern Leyte. Partnership agreements were signed with various organizations and stakeholders in Southern Leyte to protect Mt. Nacolod, being one of the remaining key biodiversity areas in the Philippines. Facilitated and conducted trainings of 40 Bantay Gubat volunteers in Mt. Nacolod together with DENR Region 8 Tacloban. A *Knowledge Centre* for Mt. Nacolod was set-up at Silago Municipal Hall, Silago, So. Leyte wherein various IEC materials were on display.



Tuklas Lunas Development Center

## UPGRADING OF RESEARCH LABORATORIES OF PHILROOTCROPS

The *Health Research Laboratory* also known as the “*Tuklas Lunas Development Center*” was finished in 2013. The renovation of the laboratory was funded by the University while the following sophisticated equipment which amounted close to twelve million (PhP12M) pesos was funded by the Philippine Council for Health Research and Development (PCHRD): ultra-low freezer, deep freezer, bio-refs, digital autoclave, flaked ice-maker, freeze dryer, forced convection oven, concentrator, rotary evaporators, analytical balance, pH meter, UV transilluminators, thermal cyclers, High Performance Liquid Chromatography (HPLC), sonicators, refrigerated microcentrifuge, large format electrophoresis, midi-format electrophoresis, and fume hood. The laboratory facility was used for high-end researches which utilized indigenous plants with known medicinal properties into useful human medicines. Researches on anti-diabetic and antihypertensive properties of PRP-1 from purple yam and *manunggal*, respectively, were conducted in 2013.

The *Biotechnology Laboratory* acquired an equipment called CODA which is used to measure the blood pressure and temperature of the laboratory mice. The equipment is used in the study, entitled: “Evaluation of the antidiabetic and antihypertensive properties of PRP-1 from purple yam (*Dioscorea alata* L.) and of manunggal (*Samadera indica* Gaertn).



CODA equipment at the Biotechnology Laboratory

The *Tissue Culture Laboratory (TCL)* was expanded to cater to the volume of orders of tissue cultured-rootcrop materials. The area in between the laboratory and the staff complex was made into an extension facility of the main laboratory to house activities such as sample preparation, washing of the glasswares and cooking of the tissue culture medium.

## EXTENSION

### TECHNICAL ASSISTANCE

**Department of Pest Management (DPM)** – provided technical assistance to small farmers and commercial crop growers, workers from government and non-government agencies in the identification of pest problems and the formulation/recommendation of management options, microbiological analysis of drinking water and provided informative briefings to interested visitors; some faculty served as subject-matter specialists during trainings and forums.

**Department of Animal Science (DAS)** – provided assistance as subject matter-specialists to support private livestock entrepreneurs/farmers, cooperatives, and non-government organizations and acted as resource persons during trainings and seminars sponsored by feeds/drug companies and ATI-NTC at VSU.

**Department of Horticulture (DOH)** – provided outreach activities and on-site technical backstopping activities

**Department of Pure and Applied Chemistry (DoPAC)** – provided assistance as subject matter specialists on climate change mitigation and on formulation of nutrient fertilizer for the vegetable production systems in Ormoc and Kananga; served as resource speakers during trainings.

**Department of Liberal Arts and Behavioral Sciences (DLABS)** – acted as resource

persons in seminars, conferences and trainings based on their fields of specialization.

**Department of Teacher Education (DTE)** – provided assistance to the residents of Barangay Bunga, Baybay City, Leyte on *Food Resource Generation* and *Values Formation* among the barangay residents; enhanced the computer literacy of the elementary teachers of Barangay Guadalupe Elementary School and conducted reading tutorials to non-readers and feeding program to Grade I pupils of the same school.

**Institute of Human Kinetics (IHK)** – provided technical assistance to the City of Baybay and some towns in Leyte and barangays in organizing and managing the different sports and dance competitions as well as to experience and practice ballroom dancing, violin lessons, and other skills.

**Institute of Tropical Ecology & Environmental Management (ITEEM)** – conducted quarterly water monitoring at the Pryce Gas site of Damulaan, Albura, Leyte to determine its status as required by DENR-Environmental Management Bureau (EMB), Region 8.

**National Abaca Research Center (NARC)** – provided technical assistance to the PNOC Ormoc on abaca production and management.

**National Coconut Research Center-Visayas (NCRC-V)** – provided technical assistance to coconut farmers on the promotion and marketing linkages of coconut-based food and non-food products; technical assistance to clients' consultations on the cultural management and pest infestation of the coconut palms as well as to the infested coconut areas.

**PhilRootcrops** – provided assistance in the establishment of rootcrop-based nurseries to the different local government units (LGUs) in support to the Staple Food Sufficiency program of the Department of Agriculture (DA); technical assistance in the cassava production and nursery establishment;

## HIGHLIGHTS OF EXTENSION PROJECTS

**Teacher-Skill Enhancement.** Eleven (11) Elementary School Teachers of the Guadalupe Elementary School, Guadalupe, Baybay City, Leyte attended the Seminar-Workshop on Basic Computer Operation and PC Hardware Maintenance on September 14, 2013 initiated by the Department of Teacher Education of the College of Education. The seminar aimed to develop the teachers' competency in computer operation such as word processing, spreadsheet, presentation, and basic photo editing.

**Learner-Skill Enhancement.** Reading tutorials were conducted to 41 non-readers of the Guadalupe Elementary School, Baybay City, Leyte for SY 2012-2013 by the Bachelor of Elementary Education (BEEd) students. The Post-Oral Reading Test conducted by the head of the school revealed that there were only two (2) non-readers.

To affirm the principle that better health and nutrition are prerequisites to enhance school performance, the University launched the In-School Literacy, Health and Nutrition Extension service to Guadalupe Elementary School, Guadalupe, Baybay City, Leyte on September 16, 2013. The program intends to zero-out non-readers and numerates in the said school to enhance the nutrition and physical health of the Grade 1 pupils who are at risk of poor academic performance. Aside from conducting intensive tutorial for six (6) months to Grade 1 pupils, feeding of nutritious meal with milk was served to the beneficiaries on a daily basis during school days.

**Household Solar Electrification Project in Brgys. San Pedro and San Pablo of Hinunangan Southern Leyte and Brgy. Apid, Inopacan, Leyte.** One hundred eighteen (118) Solar Home Systems (SHS) were installed in the two barangays of Hinunangan, Southern Leyte: 94 in Brgy. San Pedro and 24 in Brgy. San Pablo. Moreover, 42 SHS were installed in Brgy. Apid, an island barangay of Inopacan, Leyte.



*The participants of the seminar-workshop during their hands-on activity.*

**Green the Home Project.** The project was implemented in the two sitios of Brgy. Guadalupe, namely: Golden Village and Riverside to improve the living conditions of the residents through the provision of livelihood opportunities, improve their health and sanitation, and strengthen their family and neighborhood relationships. The members of the project were women.

Activities during the year included: distributed bundles of joy to the beneficiaries from Sitio Riverside with 26 beneficiaries; constructed a shedhouse for a common meeting place of the members through the efforts of the members and some of the materials were donated by some faculty and staff and from the project fund; conducted a pre-planning workshop for the members to review the activities done and their problems in the previous year and their plan of activities for the year to come; members of the Green the Home Project met with the collaborators to discuss the results of their workshop and they committed to share their resources and capabilities to implement the set plans; the participants intensified their container gardening projects; and conducted seminars and trainings for the Riverside members.

**Livelihood Assistance to Rebel Returnees.** PhilRootcrops forged MOA with Fatima Multi-Purpose Cooperative (MPC) in Calubian, Leyte, the organized farmers' association of rebel returnees in the area care of Kumander Mayang and the 19<sup>th</sup> Infantry Battalion of the Philippine Army. The organized farmers were trained with rootcrop production technologies and provided

with planting materials of cassava and sweetpotato and vegetable seeds. A demo-farm trial was also established in the area and the interested farmers planted the materials to their individual farms. These farmers were linked to the market, the Fatima MPC, the chips assembler in Calubian, Leyte.

## TECHNOLOGY PROMOTION

### Garden Shows/Exhibits

Aside from maintaining a stationary exhibit at the ODREx building, the following centers of the VSU Main Campus participated in agro-fairs and exhibits held in different places in the Visayas: **NARC** – 4 (Agri-Industrial and Environmental Fair; Agri-Agua Fair and Exhibit; 69<sup>th</sup> Leyte Landing Gulf Anniversary; and 1<sup>st</sup> National Conference on Marginal Upland); **NCRC-V** – 11 exhibits/technologies participated/coordinated, including the 2013 National Food Fair and the 2013 National Coconut Week at SM Megamall in Mandaluyong, and the National Makapuno Summit at the Southern Luzon State University, Lucban, Quezon. The sponsors of the different exhibits and fairs included: VSU PHERNET, Philippine Coconut Authority (PCA) Main Office, Commission on Higher Education (CHED), Department of Agriculture (DA) Region 8, DA Province, Department of Trade and Industry (DTI), Southern Luzon State University (SLSU), VSU Main Campus, VSU Isabel, and LGUs of Isabel, Leyte; Tacloban City, and Palo, Leyte.

### Distribution of Reading and Communication Materials

The following centers of the VSU Main Campus produced and distributed handouts, brochures, leaflets, flyers, technoguides, CDs, to farmers, housewives and other clientele for free or at minimal cost: **NARC** – 910 IEC materials on: Brochure on Utilization of Abaca Stripping

Wastes into Handmade Paper; Brochure on Major Pests of Abaca and their Management; IEC Flyers on Abaca Bunchy Top Virus (English, Tagalog & Cebuano versions); Abaca Power Stripper Operating Manual; and NARC Newsletter (1<sup>st</sup>, 2<sup>nd</sup>, & 3<sup>rd</sup> Quarter); **NCRC-V** – How to Construct the Semi-Direct Type Dryer, Coconut Shell Charcoal Production Using the Improved Pit Method, Cultural Management Practices for Perennial Fruit Trees, Cultural Management Practices for Coconut, Coconut Intercrop – Ginger, Coconut Intercrop – Black Pepper, Coconut Intercrop – Ampalaya, and Coconut Intercrop – Pineapple, National Coconut Research Center-Visayas (pamphlet), and National Coconut Research Center-Visayas (flyer).

### Distribution of Planting Materials

Different kinds of planting materials such as seeds, seedpieces, cuttings, plantlets were produced and distributed for free or at minimal cost to various clientele by the following departments and centers: **DPM** – 380 spawns of mushroom; **DOH** – 685 gms of vegetable seeds (okra-250, eggplant-105, pechay-100, Chinese pechay-80, string beans-75, ampalaya-30, tomato-25, bushbean-15, and chili pepper-5) and 8,400 grafted fruit crop planting materials (Rambutan-1,938, Lanzones-1,757, Lemonsito-1,173, Mango-1,045, Durian-689, Mangosteen-664, Pomelo-399, Jackfruit-363, Cacao-252, Guyabano-110, Abiu-10; **PhilRootcrops** – 895,721 planting materials: 50,000 cuttings of sweetpotato were given to Compostela Valley residents for their food security rehabilitation during the typhoon Pablo that hit the southern part of the country and 600,000 cuttings of sweet potato were given to CARAGA Region for the food security and livelihood programs of the Department of Agriculture (DA); **NCRC-V** – 33,876 coconut seedlings, 755 seednuts, rooted blackpepper cuttings, pineapple suckers and cooking banana; and **NARC** – 1,256 and 2,595 disease-free tissue-cultured abaca and banana plantlets, respectively.





The NCRC-V Coconut Nursery

## Demonstration Farms/ Nurseries/Techno-Demo Farms

The different centers of the VSU Main Campus showcased a number of technologies through the following:

- **Visca Forest Reserve (VFR) Demo Farm**
- **Rainforestation (RF) Demo Farm and Arboretum**
- **NCRC Tecno-demo Facilities** – techniques on copra drying and charcoal making
- **NCRC Demo Nursery** – the tall and dwarf coconut seedlings
- **NCRC Demo Farm** – the coconut production technology and profitable intercropping system.
- **NCRC Demo Farm in Caraycaray, Leyte** – the integrated makapuno farming
- **PhilRootcrops established Demo Farm** on sweetpotato in Abuyog, Leyte, Patag, Baybay City, Leyte and Ormoc City.
- **DPM Butterfly Garden** – presented the different cultures of butterfly and sold a total of 535 live butterflies to be used for special occasions.
- **DPM Pesticidal and Medicinal Garden** – the different botanicals and herbal plants.

## LABORATORY ANALYSES OF SOIL AND PLANT SAMPLES

Analyses of soil and plant tissue samples, water and organic materials were conducted by the Soil Research Testing and Plant Analysis Laboratory (SRTPAL) of DASS and the Central Analytical Services Laboratory (CASL) of PhilRootcrops that were submitted by students, researchers, farmers, businessmen, private firms, individuals, and non-government organizations. During the year, the **SRTPAL** conducted 1,226 analysis: soil pH – 423, Organic Matter – 225, Nitrogen – 254, Phosphorus – 204, Particle size analysis – 2, Cation Exchange Capacity – 65, Bd – 20, and Moisture Content – 33, while the **CASL** conducted 4,765 analysis consisting of Water – 240, Plant Tissue – 1,243, Soil – 2,958, and Organic Analysis – 324.

## COMMERCIALIZATION OF TECHNOLOGIES

**NARC** fabricated and sold 12 units of processing machines: 6 plant power shredders, 3 abaca power stripper, and 3 units village-level twisting machine to abaca farmers/entrepreneurs. The Center also produced and sold 1,256 tissue-cultured plantlets of abaca and 2,595 banana tissue-cultured plantlets.

**NCRC-V** produced and sold 544 VSU makapuno hybrid seedlings to farmers/entrepreneurs, while **PhilRootcrops** distributed nationwide 120,000 cassava tissue-cultured plantlets.

## TRAININGS & WORKSHOPS CONDUCTED

The different colleges/departments, centers, and offices of the University System conducted different capability-building seminars, livelihood trainings, orientations, and forums (Table 10).



**Table 10.** Trainings conducted and services rendered by department/college/center/office in CY 2013.

DEPT/COLLEGE/ CENTER	TITLE OF TRAININGS CONDUCTED/ SERVICES RENDERED	TYPE OF CLIENTELE	NO. OF PARTICIPANTS
Department of Pest Management (DPM)	Mushroom Production Training; Training on Jackfruit Production; Farmers & Fisherfolks' Forum; Training Course on Climate Change	Farmers, Agricultural Technician, private entrepreneurs, jackfruit growers	2,162
Department of Animal Science (DAS)	Training on Organic Poultry; Improved Management Practices for Native Chicken; Poultry animal Health and Management; Swine Animal Health and Management; Training Organic Agriculture; Broiler Production; Silage Making; and ostrich visitation	DA Technicians , farmers, disabled, students, PPA Tacloban, Management Personnel & workers of Vicenta Poultry Farm	394
Department of Food Science & Technology (DFST)	Food Processing & Product Quality Assessment; Training on Nata de coco & Jam Processing; Panginabuhian Caravan: Meat Processing; Panginabuhian Caravan: Fish Processing; Summer Science Internship Program (SSIP) 2013; Banana-Ginger Production, Processing and (By-Product Utilization for Gender and Development Advocates; Training on Jackfruit Processing; Training on Rootcrop Production and Processing in Support to FSSP; Processing & Preservation Opportunities for Bamboo Shoots; Training on Root & Tuber Crops Processing; Training on Organic Agriculture in Support to Child Care and Development; Skills Training on the Improvement of Bahalina/Nipa Wine Processing and its By-Products with Pricing and Costing; Skills Training on the Improvement of White Cheese/Keseo Processing and Its By-Products; Jackfruit Processing	Farmers/Food Processors, Extension Workers, Processors, Fisher folks, vendors, food processors, Members of St. Lourdes Homeowners Association, Teachers, processors, LGU	461
Department of Horticulture (DOH)	Federation of Crop Science Society of the Philippines; Summer Science Internship Program (SSIP) 2013; Actual Demo on grafting, budding and marcotting; Food Security and Ecological Integrity (HVC-OHD); Symposium on High Value Crops and Organic Horticulture Development for Economic Prosperity, Consultative Workshop on Vegetable Industry Analysis and Dev't. Directions for Eastern Visayas; Training on Horticultural Research, Technology Development and Commercialization; Regional Seminar Series on Edible Landscaping and SNAP Hydroponics; Training "Aged to perfection: a training for senior citizen" ; DAR Project on Organizational and Enterprise Needs and Design Assessment for the Agrarian Reform Community Connectivity and Economic	Gov't agents, SUC's, private sectors, DA units; senior citizens, DAR beneficiaries, students, gov't agencies, farmer leaders, municipal extension agents, stakeholders, graduate students, professors, researchers, scientists, horticulture students, alumni	1,136

DEPT/COLLEGE/ CENTER	TITLE OF TRAININGS CONDUCTED/ SERVICES RENDERED	TYPE OF CLIENTELE	NO. OF PARTICIPANTS
	Support Services (ARCCCESS) Program; Discussion on the vegetative propagation of fruit trees; Mitigating Climate Change through Organic Agriculture; Lecture Demonstration on Grafting, Marcotting & Budding; Training on Organic Agriculture in support to Child Care and Development; Symposium on Quality Management in Postharvest Systems; Asia Pacific Conference on Postharvest Systems Improvement for Food Security and Poverty Reduction; Flower and Garden Show 2013 Organization and technology promotion		
Department of Teacher Education	Seminar-Workshop on Basic Computer Operation and PC Hardware Maintenance	Teachers of Brgy. Guadalupe Elem. School	11
Department of Biological Sciences (DBS)	Plant identification services; consultations on abaca and banana disease identification and control	Farmer, field technician, businessman, faculty members of NWSU	131
Department of Pure & Applied Chemistry (DoPAC)	Assist high school students in the conduct of their research experiments as well as in their Summer Science Internship Program; Safe Handling of All Reagents as an Environmental Support	High school and college students	50
Department of Math, Physics & Statistics (DMPS)	Training Course on Statistical Analysis Using Excel 2007; Orientation Seminar-Workshop on the Use of R for Statistical; Civil Service Licensure Exam Review; NVAT Reviewer	Government Employees, Researchers, faculty, students	116
Department of Business & Management (DBM)	Training on Staple Rootcrop Production and Processing in Support to Food Staple Sufficiency Program (FSSP); Entrepreneurship (sponsored by World Vision)	RICs, 4-H clubs, P4MPs and MS in the region; member of Coop Organization	60
Institute of Strategic Research & Dev't. Studies (ISRDS)	Bioethanol Program Planning Writeshop for DAR-Leyte; Field Interviewer's Training; Inter-Barangay Forum; Leadership Training and Team Building Workshop for PAGGFA Leaders; Training on Basic Water Rights for LGU Workers; Roundtable Discussion on Integrating Local Knowledge in VSU's Instruction and RDE Program; Forum on Water Use Conflict; Candidates For a in Brgy. Gabas, Patag, Guadalupe, Marcos, Pangasugan, Kansungka, and Macarthur Forum on Human Rights & Mining (Tao Muna, Hindi Mina) at Barricade site; Strategic Planning Workshop of UNLAD-BLFFA; Interviewers Training to UNLAD members; Candidates' Fora in the MAGPAGUAPA barangays, in MacArthur,	DAR – Leyte staff & POs; Enumerators; MAGPANGUAPA Barangay Officials; PAGGFA Officers; LGU and PO officials; VSU RDE staff; LGU officials, VSU staff; Local candidates	202

DEPT/COLLEGE/ CENTER	TITLE OF TRAININGS CONDUCTED/ SERVICES RENDERED	TYPE OF CLIENTELE	NO. OF PARTICIPANTS
	Leyte; Training on Abaca Fiber Handicraft Making; Leadership Training and Team Building Workshop for PAGGFA Leaders; mentoring sessions to the PAGGFA treasurer and auditor on the preparation of Financial Report and Record Keeping; Forum on Water Use Conflicts; Training on Basic Water Rights for LGU Workers; Writeshop on the Water Districts Development Service Providers (WDDSP) Validation Study; Key Informant Survey on Gender Equality in barangay Guadalupe;		
College of Engineering	Energy Efficiency and Conservation Seminar; Training on Renewable Energy Electrification; Training Workshop on the "Development of Web-Based Spatial Information System Using Free and Open Source Software and Open Geospatial Consortium Based Web Services"; College of Engineering RDE In-House Review; First CoE Outcome-Based Education (OBE) Workshop; Second CoE Outcome-Based Education (OBE) Workshop; Training on Geographic Information Systems	Faculty & staff, students, LGUs	665
Department of Community Development Education (DCDE)	Pre-planning Workshop; Effective Micro-organisms Fermentation; Vermin Composting; Culmination for Effective Microorganisms; Values Formation Seminar Series on: Valuing Self and Discipline, A Life of Honor, Valuing Others, Valuing the Environment, Valuing Community, Building a Model Community	Members of Green the Home Association	196
Institute of Human Kinetics (IHK)	Swim Camp/Disaster Preparedness for Children & Youth; Open Water Safety Training; Piano Lessons; Swimming for Beginners; Badminton for Beginners; Guitar Lessons; Clinics and Lectures to the youth and other folks in the different communities on ballroom dancing, violin lessons, Daygon Competition, judging dance sports, and in organizing different sports and dance competition; organized and managed the Mayor's Cup Tennis Tournament	Children and Youth	320
Department of Computer Science & Technology (DCST)	iSchools Project Closeout for 2007 and 2009 iSchools Central Visayas Cluster (Cebu and Bohol Provinces); MOODLE Training for the VSU Graduate Program; Training on PowerPoint and Excel Presentation for the Newly-hired Faculty and Staff of VSU	Graduate faculty, staff	221
Department of Geodetic Engineering	Training on Geographic Information Systems	LGUs	20

DEPT/COLLEGE/ CENTER	TITLE OF TRAININGS CONDUCTED/ SERVICES RENDERED	TYPE OF CLIENTELE	NO. OF PARTICIPANTS
Online Programs Office (OPO)	Training –Workshop on MOODLE Software for LAM Online Courses Offering; Seminar-Workshop on Writing Scientific Articles for Peer-reviewed Publications; edit different kinds of videos about activities in the university; provided documentation services to major activities in the Main Campus and assistance to classes and other university activities	VSU faculty handling LAM courses and other interested faculty, faculty members of NWSSU, students, faculty, and staff	49
DYAC	Facilitated the following activities: Forum on Nursery sa Barangay, "Candidates' Forum", HIV-Peer Educators' Training, Forum on Solid Waste Management cum Origami using Recyclable Materials, Forum on Proper Waste Management for a Healthy Living,, Forum on Proper Nutrition and Providing Alternatives among Pre-schoolers and Parents in Sitio Brandy island, Barangay Candadam, Baybay City, Leyte, Women Champions in Rice Farming Forum, Video Production Training Workshop	Barangay residents, women groups, students, 4 Ps beneficiaries	596
Institute of Tropical Ecology & Environmental Management (ITEEM)	Orientation-Workshop on ECOFISH fr Danajon Reef Leyte (MKBAs) Project; Marine Protected Area Managers and Fisheries Management Council Summit	BFAR, LGUs, MAOs, POs, DENR-MENRO, NGOs, FARCMCs, Brgy. Captains, Bantay Dagat/ Fisherfolk, Local Media, AT-fisheries & FARMC Leaders	110
University Library	On-the-job training of students taking Bachelor in Library Information Science (BLIS) at Leyte Normal University (LNU)	BLIS students from LNU	10
University Accreditation Center	Planning Workshop for Program Accreditation; Consultation with Dr. Valdez in Preparation for Level IV Phase 1 and 2 Program accreditation; Dry Run Seminar for Level IV, Phase 2.	VSU faculty and staff	180
PhilRootcrops	Symposium on Production of Clean Quality Rootcrop Planting Materials in Support to Industry; Training & Orientation on Rootcrop Production; Training on Rootcrop Processing; Training Demo on Rootcrop-based Food Products; Briefing of Rootcrop Technologies - information on the different rootcrop technologies and other extension services; Training of rootcrop technologies;	Researchers, ATI, DA, BPI, students, teachers, farmers from the Phil. Army Org.Groups, Calubian & San Isidro ATs, Farmer Leaders, Fatima MPC Staff, LGU; Processors, ATs, LGU Staff	3,823
National Abaca Research Center (NARC)	Training on Abaca Fiber/Handicraft Making; Operation, Repair & Maintenance and Safety of Abaca Power Stripper/Plant Power Shredder; Invent-School Program Seminar Workshop; and conducted technical briefings to visitors	Housewives, farmers, high school & graduate students, DA staff, private individuals, visitors, businessmen, GOs, teachers, foreigner	616



DEPT/COLLEGE/ CENTER	TITLE OF TRAININGS CONDUCTED/ SERVICES RENDERED	TYPE OF CLIENTELE	NO. OF PARTICIPANTS
National Coconut Research Center- Visayas (NCRC)	Skills Training/Lectures on Coconut Processing and Utilization; conducted briefings to visitors on copra drying and charcoal making	Housewives, farmers, students,	
VSU Alangalang Campus	Seminar-Workshop on Natural Farming and Technology	Faculty, staff and BAT students	60
VSU Isabel Campus	Seminar on Anti-Red Tape Act and Rules on Administrative Cases; Orientation Seminar on Strategic Human Resource Plan (SHRP) of VSU Isabel; Orientation-Seminar on GSIS/SSS Membership and Members Benefits; Orientation on General Records Disposition; Orientation & Re-orientation Seminar on: MC No. 3 s. 2013, MC No. 5 s. 2013, MC No. 6 s. 2013, MC No. 7 s. 2013, MC No. 8 s. 2013, MC No 9 s. 2012, MC NO. 10 s. 2013, MC No. 19 s. 2012	Faculty, staff, students	302
VSU Villaba Campus	Training on the Operation of Mechanical Flatbed Dryer; Personal Hygiene and Sanitation Awareness Campaign; Seminar on Advocacy on Solid Waste Segregation and Management; Tutorial Workshop on Remedial Reading; Gift Giving Program; Capability Building on the Use of Calculator; 1 <sup>st</sup> RDE Consultative Review and Planning Workshop; coordinated the registration of Iligay Farmers' Asso.; Feeding Program; AKKAP Medical Mission; <i>Balik Eskwela</i> Outreach Program; Lecture-Demonstration on Goat/Sheep Grooming & Mineral Block Formulation; Dengue Awareness Campaign	Farmers' Association (Bagong Henerasyon Cagnocot Farmers' Association); Iligay Farmers Association, DA-RFO8 representatives, faculty, students, housewives, husbands, Grade school pupils; goat/sheep raisers of Brgy. Tabing, Tabango, Leyte; malnourished children of Brgy. Iligay, parents; representatives from LGUs	1,022

# OFFICE OF THE VICE PRESIDENT FOR PLANNING, RESOURCE GENERATION & EXTERNAL AFFAIRS (OVPPRGEA)



Dr. Edgardo E. Tulin, VP for Planning, Resource Generation & External Affairs, explaining the salient features in the guidelines on the planning of Performance-Based Incentive (PBI) for FY 2013.

The **Office of the Vice President for Planning & Resource Generation (OVPPRG)** spearheaded the *5<sup>th</sup> Annual VSU Review of the Income Generating Projects (IGP) and the Special Trust Fund (STF) Projects of the University* on February 19-21, 2013 at the VSU's Center for Continuing Education to assess the 2012 operation and the financial and non-financial performance of all the projects as well as identify the strengths and weaknesses of the projects; conducted a *Workshop on the Standardization and Refinement of OPCR-IPCR of VSU's Delivery Units for Calendar Year 2013* on March 4, 2013; *Orientation on the Guidelines of the Grant of Performance-Based Incentives (PBI) for Fiscal Year 2013* on August 27, 2013; facilitated the evaluation of the *2013 Office Performance Commitment Review (OPCR)* of the different units of the university; consolidated and published the 2012 Annual Report of the University, in coordination with other offices; collected data for the Higher Education Management Information System (HEMIS) required by CHED and DBM for normative financing, accreditation, and other surveys.

The OVPPRG supervised the following offices:

1. The **Office for Auxiliary Services (OAS)** and the Income Generating Projects Office

(IGPO) continued to monitor the different income generating projects (IGPs) of the VSU Main Campus consisting of Revolving Fund-Income Generating Projects (RF-IGP)



*During the 2013 Annual IGP Review*

and non-RF IGPs which registered a total gross income of P 29,704,414.67 (Table 11). During the year, efforts were made to improve the collection of dues of concessionaires and enhance the quality of services provided by the different projects as well as the repainting and improvement of the VSU Fastfood Center. In order to improve their food service capabilities a sanitation and food service workshop was conducted on October 18, 2013 to the intended concessionaires.

2. The **VSU Manila Office (VMO)** served as a liaison of the University and as such, during the year, made representations for the VSU President in meetings, fora and other socials functions in Manila; accompanied the University President during budget hearings in Congress and Senate and assisted in establishing and maintaining different linkages of the University; facilitated the processing/documentation of travel papers with DFA and embassies as well as flight

reservations for travel abroad; facilitated the request for messages from different government offices for graduation and anniversary programs as well as request for certifications from the Professional Regulations Commission for Agriculture, Agricultural Engineering, Forestry, Veterinary Medicine, Geodetic Engineering, Nursing, and Teachers; facilitated the canvassing of the hotel reservation for the Board of Regents' meeting, laptop for the VSU President, and Toyota vehicle for Tolosa Campus; facilitated the request for canvass of the Supply Office as well as received supplies delivered for the VSU Main Campus; received 169 parcels from the Post Office and other couriers and were delivered to their addressees.

3. The **University Review Center (URC)** developed and produced brochures/flyers for the review classes for the Agriculturists' and Teachers' Licensure Examinations; distributed/disseminated brochures and flyers during conferences attended in Mindanao, Visayas and Luzon and during graduation ceremonies in different schools in Leyte and Southern Leyte; conducted performance evaluation of the review team and reviewees; implemented the increase in review fees as approved by the BOR; generated a gross income of P1,638,230.00.

During the year, the IGPs of VSU Alangalang and VSU Villaba generated a gross income of P297,671.08 and P981,907.00, respectively.

**Table 11.** Income of projects monitored by the IGP Office (2012 and 2013).

PROJECTS	2013	2012	Percent Increase/Decrease
RF-IGP			
Pavilion	7,132,111.29	8,340,928.79	(14.49)
Coconut Non-Food	2,320,903.90	2,348,501.15	(1.18)
Hostel	2,154,865.00	2,226,671.00	(3.22)
University Review Center (URC & CCE))	2,343,126.00	1,387,335.00	68.89
Printing Press	330,850.50	317,820.50	4.10
Buko & Coco Seedlings	345,310.00	291,850.00	18.32
Seednet (Pangasugan Area)	96,794.50	82,710.76	17.03
Seednet (Patag Area)	1,346,996.00	761,847.75	76.81
Guest House	349,356.21	243,174.90	43.66
PCA Seedlings	342,340.60	-	-
<b>Sub-total</b>	<b>16,762,654.00</b>	<b>16,373,339.85</b>	<b>2.38</b>
Non-RF IGP			
VSU Bakery	3,270,078.83	3,443,432.35	(5.03)
VSU Apartelle	1,474,829.03	1,605,958.00	(8.17)
VSU Garden Beach Resort	844,935.00	943,403.00	(10.44)
VSU Core Value Cottages (Ponce & Colis Cottages)	1,192,973.69	890,023.37	34.04
VSU Market	770,659.77	642,908.68	19.87
VSU Hospital	1,235,567.69	861,814.33	43.37
Manila Lodging	527,463.00	484,605.00	8.84
Bindery	537,078.50	465,937.00	15.27
VSU Spring Water	647,946.68	598,761.90	8.21
Rootcrops	499,495.50	562,114.25	(11.14)
Convention Center	143,247.78	93,504.70	53.20
DASS (Soil Lab)	98,928.00	181,371.90	(45.46)
Feedmill	101,704.10	173,247.31	(41.30)
SDMU	116,811.90	164,608.64	(29.04)
Ornamentals	191,020.00	213,906.50	(10.70)
Makapuno	343,713.70	289,098.55	18.89
Cebu Lodging	55,120.00	130,240.00	(57.68)
Horti Nursery/Plant Nursery I	451,614	69,180.00	552.81
Goat/Sheep	133,815.40	14,985.60	792.96
FARMI Demo Farm/FGS (FARMI-GIS)	2,500.00	11,187.50	(77.65)
Corn Seeds (DPBG Corn By-Product)	81,071.50	38,809.70	108.89
Locally Grown Seeds	57,273.10	39,144.00	46.31
Recreation Center	21,393.00	18,224.00	17.39
PPO Shops	100,800.50	225,042.50	(55.21)
Sustained Yield	31,135.00	55,153.50	(43.55)
Coco Intercrops	10,585.00	11,486.00	(7.84)
NARC Abaca Power Stripper	-	372,500.00	-
<b>Sub-total</b>	<b>12,991,760.67</b>	<b>12,228,148.28</b>	<b>5.84</b>
<b>GRAND TOTAL</b>	<b>29,704,414.67</b>	<b>28,601,488.13</b>	<b>3.86</b>



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



Dr. Roberto C. Guarte, VP for Administration & Finance explained the rationale of the 2013 VSU Budget Hearing.

The **Office of the Vice President for Administration and Finance (OVPAF)** supervised and coordinated activities and programs relative to the management, maintenance, development and utilization of the human, physical and financial resources of the University both in the Main and the external campuses. During the year, the OVPAF supervised the following offices:

1. The **Security Services Office (SSO)** assisted in the conduct of the *Seminar on Fire Prevention and Safety Awareness* and fire drill for VSU Market stall concessionaires and VSU apartment occupants on April 25, 2013; attended a meeting regarding the implementation of the Running Card System of the Bureau of Fire Protection (BFP) on July 18, 2013; joined the Baybay City Bureau of Fire Protection (BFP) in the conduct of inspection of all fire hydrants of Baybay City and VSU on July 28-29, 2013; assisted in suppressing the fire of a house in Brgy. Marcos, Baybay City on January 19, 2013; conducted meeting with the BAVISCA-ODMAI and officers of the habal-habal driver associations on the proper conduct and observance of VSU traffic rules and regulations for traffic safety; assessed the condition of the different VSU buildings after the 7.2 magnitude earthquake that hit the Visayas on October 15, 2013; conducted rescue assistance operation on November 7, 2013 to VSU residents and nearby barangay evacuees in preparation for the landfall of the super-Typhoon Yolanda; investigated and followed-up different incidents of stealing inside the campus;

responded to a hold-up incident at the Molave Hill; responded immediately to emergencies like road accidents, fire call/ alarm, power interruption, security assistance, and conduct of patients for medical treatment; apprehended illegal fishers within the protected area; endorsed to USSO students' misdemeanor for appropriate action; endorsed complaints against VSU security guard and a market vendor to the Legal Office for action.

2. The **VSU Cebu Office (VCO)** as a liaison office served 1,526 Requests for Quotation, 340 Purchase Orders, 363 payment checks; facilitated 77 COD purchases; acknowledged 89 incoming transmittals; prepared 96 outgoing shipments, 54 replenishment vouchers; scouted three (3) new suppliers; and assisted 63 personnel and visitors with official transactions in Cebu City. The VCO lodging house had accomplished the following: accommodated 874 guests, repainted the ceiling of the comfort rooms; repaired 5 flush tanks and leaking kitchen sink, reinforced the support structure of the water tank, and repaired the kitchen roof and ceiling
3. The **Office of the Director for Administration and Human Resource Development (ODAHRD)** facilitated the accreditation of VSU to its Level II Accredited Status under the PRIME-HRM of the Civil Service Commission (CSC); facilitated the execution of the Memorandum of Commitment between the University and the CSC on February 8, 2013 with both parties committing to exercise properly the revalidated authority granted by the Civil Service Commission to VSU per CSC Resolution No. 1201525 promulgated on September 27, 2012; processed all appointments issued by the University with zero disapproval/negative comments from the Civil Service Commission; completed the required documents for display and made the CSC Accreditation Center of the University ready for any post-audit and validation by CSC personnel; secured



*During the fire drill for VSU Market stall concessionaires.*

approval from the Department of Budget & Management for creation and upgrading of the following positions: a) conversion of 22 higher faculty positions under the scrap and build policy to 22 Instructor I positions and the creation of 15 more Instructor I positions, b) upgrading of the academic rank of one (1) Instructor I to Instructor III and another Instructor I position to Instructor II position, c) creation of Guidance Counselor I position and two (2) Science Research Specialist I positions, upgrading of an Engineer II position to Engineer III position and a Medical Officer IV position to Chief of Hospital position; secured the approval from the Department of Budget & Management (DBM) for the transfer of 18 faculty positions from one campus to another to be indicated in the Plantilla of Personnel the correct and actual deployment of the appointees of the particular positions as well as the deployment of One Administrative Officer V position from the Main Campus to Isabel Campus in exchange of an Administrative Officer IV position from the Isabel Campus to the Main Campus; secured approval and effected the conversion of the employment status of 29 faculty members from contractual to temporary status; spearheaded the month-long celebration of the 113<sup>th</sup> CSC anniversary with the following activities: Flag Raising Ceremony and a Short Anniversary Program on September 2, 2013, Hataw and Dance Exercise every Tuesday and Thursday starting September 3, 2013, Blood Pressure-taking in three (3)



*Fun Run/Walk during the culmination of the month-long celebration of the 113<sup>th</sup> Civil Service Anniversary.*

designated places every Wednesday starting September 4, 2013 and Free Pap Smear specimen-taking every Tuesday and Thursday starting September 10, 2013, Fun Run/Fun Walk during the Culmination and Awarding of Loyalty Awards to VSU Main Campus personnel on September 25, 2013; conducted/facilitated in-house trainings; prepared and processed the following documents: appointments and contracts of newly-hired personnel, renewal of appointments; upgrading of regular employees; appointments/promotion of regular and permanent administrative employees; supplemental Plantilla for Promotion and filled vacant positions as well as the 4<sup>th</sup> cycle of NBC 461 for the upgrading of faculty; staffing summary for casual and contractual employees; staffing modification for some regular positions; accession and separation report of personnel; report of appointment issued; plantilla of casual employees; and contracts of Science Research Assistants and Aides.

The ODAHRD supervised the **Records Office (RO)** and during the year, it conducted inventory of disposable records including those damaged by Typhoon Yolanda from Alangalang and Tolosa campuses and submitted them to the National Archives of the Philippines (NAP); disposed valueless records, including those from the Isabel Campus, in the presence of the representatives of NAP, COA and VSU; enlarged and framed 42 archival pictures for

the Archives Center/museum; assisted the library/records in-charge of the Alangalang and Tolosa campuses, in coordination with the head of NAP Cebu and a representative of NAP Manila, on how to restore records being damaged by the super-Typhoon Yolanda; and authenticated 1,364 records requested by the University and its clients.

4. The **Office of the Director of Finance (ODF)** is in charge of budget formulation and management of financial resources of the university. During the year, it evaluated the budget proposals submitted by the different departments, centers, offices, units and external campuses and prepared the draft budget proposal for the year; conducted budget review with external campuses specifically on the utilization of income to come up with the Matrix on Internally generated income giving priority on the payment of wages for part timers before the tuition fee is shared; released budget for fiduciary fees for 2013 for utilization of departments with laboratory fees specifically for the purchase of laboratory equipment, laboratory chemicals and supplies and other related needs; finalized replies to COA Audit Findings for signature of the President; conceptualized and implemented the use of ATMs by Part-Time Instructors and Cash Card for students to reduce checks issuances; facilitated the financial requirements of each departments, centers, offices and units in coordination with offices under its supervision such as Budget, Accounting, and Cash Offices.

- a. The **Budget Office** prepared the following: actual, current and proposed data reports within and above the ceiling for the first volume of budget proposal for submission to NEDA, DBM, PASUC, & CHED; actual status of funds for PS, MOOE, & CO and all the Budget Forms per National Expenditures Program (NEP) provided by DBM & CHED for submission of the final budget (Vol. 2) to CHED, DBM, and Congress & Senate; Budget

- Accountability Reports (BARs), Quarterly Financial Report of Operations, Yearly Budget Execution Documents (BED 1, 2 & 3) and the revised BED 3 for the 2<sup>nd</sup> half of the year; year-end list of Accounts Payable and the list of Not Yet Due and Demandable Accounts Payable; reports for Normative Financing purposes as required by DBM, CHED, PASUC and other government agencies; 25 requests for funding of terminal leave benefits of retired VSU employees; controlled allotments and obligated Purchase Orders, vouchers, payrolls and posted the same to its subsidiary ledgers; and the liquidation of obligations of VSU-Main and external campuses in order to determine the status of funds per function/project and object of expenditures per specific account codes.
- b. The **Accounting Office** maintained the following complete set of books: Cash Receipts Journal, Cash Disbursement Journals, General Journals and General Ledger for all Funds (General Fund, Fund 164 (STF), Fund 161 or IGP and 101 Trust (research funds coming from other funding agencies and it also maintained the index of payments for compensation and other benefits, premiums and loans and other accounts of faculty and staff and issued monthly certification of their Net Pay. During the year, it pre-audited and signed financial documents of the different departments, centers, offices, units; prepared remittances to GSIS and Pag-Ibig premiums and loans as well as payment of loans of faculty and staff to Land Bank, VSUCC, LSU-AdPA, LSUFA and other accounts to the University; submitted the following required financial reports to COA: Report of Disbursements, Cash Receipts Journals, and General Journals with supporting documents, Bank Reconciliation Statements, Quarterly Schedule of Cash Advances, Quarterly Report of Income, Monthly Trial Balance, Quarterly Income Statements, Quarterly Balance Sheets and Statement of Government Equity; and controlled and monitored ongoing research projects and prepared its quarterly financial reports with supporting schedules for submission to COA.
- c. The **Cash Office** is in charged of the Cash Management, safekeeping, collecting and disbursing the funds of the university coming from the National Government, from local government agencies as well as from foreign grants. The funds maintained both in Baybay City, Leyte and Cebu City are General Fund 101 (MDS), General Trust Account, Revolving Fund, and STF 164. During the year, it disbursed 100% of the funds allotted for payments of salaries, wages and other benefits under Personnel Services (PS), Maintenance and Other Operating Expenses (MOOE) and Capital Outlay; effected 100% fund transfer of PS & MOOE requirements of the external campuses as well as the funding requirements of the cooperating stations of research centers of the university and the ATM Payroll for Part-Time Instructors and cash card for stipend of students; assigned additional teller to cater to the payments of senior citizens, pregnant women and partially disabled clients during mid-term and final schedules; implemented the “No Noon Break Policy” that accommodated students and other clients paying their accounts between 12:00 noon-1:00PM and the 7:00AM to 7:00PM collection services during registration period, mid-term and final examinations; submitted weekly reports of collections and deposits and monthly report of Checks issued for the funds maintained to the Accounting Office and other reports required by DBM and COA such as Summary List of Checks Issued & NCA Utilization, Report of Monthly Accountability on Receipts and Checks



(Used, Received and Balances) and Quarterly Report of Interest Earned for Time Deposits. It also provided the following services: enrolment services to students, issuance of student assessment slips/examination permits through the colleges, prepared bills of school fees to different sponsoring agencies, and sent collection letters to parents for outstanding accounts of their children.

5. The **Office of the Director for General Services (ODGS)**, together with the Infrastructure Development and Building Maintenance Unit (IDBMU), the Power, Electrical and Sound Maintenance Unit (PESMU), the Water and Sewerage Services Maintenance Unit (WSSMU), and the Heavy Equipment and Light Vehicle Maintenance Unit (HELMU), had the following accomplishments:

- a. The **Infrastructure Development and Building Maintenance Unit (IDBMU)** completed the following projects during the year: construction of the LAN IT Building; renovation of the Faculty/Staff Offices of the Department of Pest Management (DPM), repair of the Faculty Office of the Department of Agronomy and Soil Science (DASS), repair of the Conference and Accreditation Rooms of the Department of Animal Science (DAS) and the

Department of Biological Sciences (DBS), renovation of the Green House into a Faculty Office and Classroom, repair of the Function room of the Pavilion; rehabilitation of the following buildings of the VSU Tolosa Campus damaged by typhoon Yolanda: Administration Building, classrooms, Canteen, and the Multi-Purpose Hall. Ongoing infrastructure included the: construction of Staff Dormitory (Phase I), Student Dormitory (Phase 1), Three-Storey Library Building (Phase 2), and the Renovation of the Pavilion and of the NSTP Building.

- b. The **Water and Sewerage Services Maintenance Unit (WSSMU)** completed the plumbing works in the National Coconut Research Center (NCRC) Food Processing Laboratory and the Affiliated Renewable Energy Center (AREC); completion of the installation of water supply at the 2<sup>nd</sup> level of DPM; improvement of the water supply at the 2<sup>nd</sup> level of VSU Hostel and the Department of Business Management (DBM); plumbing installations at the VSU Hatchery Project and the AACCUP Center of DAS; and various plumbing maintenance repairs at the VSU Main Campus including the damages of the super-typhoon Yolanda.



Renovation of the former Green House into the Department of Community Development Education (DCDE).



Rehabilitation of the Administration Building of the VSU Tolosa Campus which was damaged by typhoon Yolanda.

- c. The ***Electrical and Sound Maintenance Unit (PESMU)*** installed 30 units cage globe streetlights at the VSU Oval in the lower campus and Duplex area as well as installed one (1) unit 75 KVA, 13.2 KV, 3Ø distribution transformer for the Convention Center; replaced and installed two (2) units 50 KVA, 8 KV, 1Ø distribution transformers at the VSU Market and T Building; replaced and mounted four lengths street poles 35' and two lengths wood poles 35'; installed electrical wirings, lights, circuit breakers, and convenience outlets in the different departments, staff housing and booths during VSU anniversary; installed and operated lights and sounds during big activities of the University like convocation, anniversary, commencement exercises; attended to different requests on electrical job and sound system; and conducted KW-HR meter readings on all VSU buildings, dormitories apartments, cottage, duplex and commercials stalls within VSU campus and distribution of electric bills;
  - d. The ***Heavy Equipment and Light Vehicle Maintenance Unit (HELVMU)*** completed the fabrication of the Sewerage Disposal Tank, completed the repair and painting of the Isuzu Dump Truck and the L200 Mitsubishi Pickup as well as the repair of the VSU Ambulance and the TMX Honda motorcycle. Ongoing repairs was conducted on the Pickup and the Biodiesel Campus "Ikot" Tour Service.
6. The **VSU Alangalang** facilitated the approval of appointments for three (3) Instructor I positions on Temporary status, the transfer of item from administrative to teaching position, and renewal of appointments of eight (8) teaching positions; upgrading and reclassification of nine (9) regular staff; completed the construction of the following projects: Phase 2 of the Multi-Purpose Building, concrete pavement of the Administration Building, repainting of the Social Hall, fabrication/repair of tables, cabinets/blackboards/chairs, etc. repair of roofing and Comfort Room and repainting of the Management House; partially completed projects include the repair of the Chemistry Laboratory, construction of the plant nursery, and restoration/repairs/ installation of roofing in all buildings.
  7. The **VSU Villaba** completed the concreting of the multi-purpose pavement through the assistance of the Municipal Government of Villaba, concreting of the road in front of the Administration Building, renovation of the Conference Room, converted the Supreme Student Council Office into an Accreditation Room, repair of the outside ceiling of the Administration Building and the Library, procured a 10KVA AC Generator set, 7 airconditioning units, 2 electric water pumps, and 2 photocopying machines; fabrication of conference tables, armed chairs, and teachers' tables; repaired the different buildings damaged by the super typhoon Yolanda; repaired the comfort rooms in the Administration Building, AdHoc Building, Boys' Dormitory, and Academic Buildings.

## Administrative Personnel Awards/ Achievements

- **Dr. Lourdes B. Cano**, Director of Administration and Human Resource Development, received a ***Certificate of Appreciation*** from the Civil Service Commission (CSC) on February 8, 2013 for her devotion and dedication to duty which significantly contributed to the successful revalidation of the Visayas State University (VSU) of its *Level II-Accredited Status* under the CSC Program to Institutionalize Meritocracy and Excellence in Human Resource Management (PRIME-HRM).

## MANPOWER RESOURCES

The VSU System had a total of 367 regular administrative personnel as of December 31, 2013, consisting of 300 in the VSU Main (2 PhD, 25 MS, 132 BS, and 141 undergraduate), 13 in VSU Alangalang (1 MS, 8 BS, 4 undergraduate); 19 in VSU Isabel (1 MS, 11 BS, 7 undergraduate); 17 in VSU Tolosa (1 MS, 12 BS, 4 undergraduate); and 18 in VSU Villaba (4 MS, 4 BS, 10 undergraduate).

During the year, the VSU Main Campus had 68 casual and 29 contractual administrative personnel as support staff.

## Seminars/Trainings Attended

**Dr. Oscar B. Posas**, *Vice President for Instruction*; **Ms. Connel Antipaso**, *Education Research Assistant I* and **Ms. Remenita J. Solis**, *Administrative Aide IV*, were in Czech Republic to participate in the Erasmus Mundus EXPERTS Programme. The group underwent a one-month Staff Training at the Masaryk University. In 2012, two VSU administrative staff, namely: **Ms. Honey Sofia V. Colis**,

*Administrative Officer II* and **Ms. Luz Asio**, *Science Research Assistant* of the PhilRootcrops, were in the same University at Czech Republic to undergo the same training.

In order to upgrade/update the knowledge of administrative personnel of the new circulars given by the different government agencies, 546 personnel of the VSU System attended 226 trainings/seminars/workshops, of which 5 were international, 60 national, 53 regional, and 108 local.



*Dr. Oscar B. Posas and Ms. Connel D. Antipaso (2<sup>nd</sup> & 3<sup>rd</sup> from left front) during the Masaryk University Staff Training (MUST) discussion.*

**VISAYAS STATE UNIVERSITY**

Visca, Baybay City, Leyte

**CONDENSED STATEMENT OF INCOME AND EXPENSES**

For the Fiscal Year Ended December 31, 2013

*(With Comparative Figures in 2012)***A S S E T S**

	<b>2013</b>	<b>2012</b>
<b>Income</b>	<b>P 569,146,056.01</b>	<b>P 496,768,367.93</b>
Less: Expenses		
Personal Services	369,586,438.37	342,492,815.73
Maintenance and Other		
Operating Expenses	160,733,626.74	147,209,496.69
Financial Expense	-	-
Total Expenses	<u>P 530,320,065.11</u>	<u>P 489,702,312.42</u>
<b>Excess of Income Over Expenses</b>	<b>P 38,825,990.90</b>	<b>P 7,066,055.51</b>
Add: Gain on Sale of Assets/Loss on Foreign Exchange	-	-
Deduct: Loss of asset/Sale of Assets	198,088.86	60,092.83
<b>NET INCOME</b>	<b><u>P 38,627,902.04</u></b>	<b><u>P 7,005,962.68</u></b>

**VISAYAS STATE UNIVERSITY**

Visca, Baybay City, Leyte

**CONDENSED BALANCE SHEET**As of December 31, 2013  
(With Comparative Figures in 2012)**A S S E T S**

<b>CURRENT ASSETS</b>	<b>2013</b>	<b>2012</b>
Cash	P 191,278,939.22	P 154,598,310.07
Receivables - Net	66,487,563.60	75,724,238.26
Inventories	6,242,062.34	4,190,931.34
Prepaid Expenses	536,656.04	429,290.64
Other Current Assets	78,563.00	78,563.00
Total Current Assets	P 264,623,784.20	P 235,021,333.31
<b>PROPERTY, PLANT &amp; EQUIPMENT</b>		
Property Plant & Equipment	P 520,160,265.86	P 480,714,221.75
Less: Accum Depreciation	303,343,702.87	278,400,003.68
	216,816,562.99	202,314,218.07
<b>TOTAL ASSETS</b>	<b>P 481,440,347.19</b>	<b>P 437,335,551.38</b>

**LIABILITIES AND EQUITY****Liabilities**

Current Liabilities	P 117,071,179.03	P 97,376,080.20
Other Liabilities	14,262,327.47	62,775,284.69
	P 131,333,506.50	P 160,151,364.89

**Equity**

Government Equity	350,106,840.69	277,184,186.49
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>P 481,440,347.19</b>	<b>P 437,335,551.38</b>



# SIGNIFICANT EVENTS



Dr. Lemuel M. Diamante during the seminar where he presented his paper on "Vacuum Frying of Food. My Journey with the Technology from Visayas State University to Lincoln University."

- **Dr. Lemuel M. Diamante**, former VSU professor and is now a Senior Lecturer in Food Engineering at the Lincoln University (LU) in New Zealand, presented his paper entitled "Vacuum Frying of Food. My Journey with the Technology from Visayas State University to Lincoln University" on February 4, 2013 at the Training Hall of PhilRootCrops, VSU. **Mr. Harriz Tengku** of Mypinge Enterprise, Malaysia (Cebu Branch) also presented his paper entitled "Farming Evolution Experience with Natural Bio-Plant Enhancer as Best Practice in Agriculture" on the same date and occasion.
- **Atty. David E. Cabanag, Jr.**, Assistant Commissioner of the Civil Service Commission (CSC), together with **Ms. Eleonor B. Garcia**, Chief Personnel Specialist of Human Resource Division of CSC8, **Mr. Lysander G. Navales**, CSC Director II based in Southern Leyte Field Office, and **Mr. Michael N. Dela Cruz**, CSC Director II based in Biliran Field Office, conducted ***EHEM! Anti-Corruption Sensitivity Workshop*** on February 7-8, 2013 to the officials of the University System. The workshop had four modules in the EHEM process: Module I – "Experience"; Module II – "Analysis"; Module III – "Reflection"; and Module IV – "Action".
- **Col. Rafael C. Valencia**, INF (GSC) Philippine Army (PA) Commander of the 802<sup>nd</sup> Infantry Brigade, 8ID, PA based in Camp Downes, Ormoc City, was the guest of honor and speaker during the Regional Annual Administrative and Tactical Inspection (RAATI) Team for School Year 2012-2013 on the VSU Reserve Officer Training Corps Unit (ROTCU) on February 13, 2013.
- **Col. Pascual A. Somoray II**, INF (GSC) PA, Group Commander of 8 RCDG, ARESCOM, based in Camp Downes,

Ormoc City led the RAATI Team for School Year 2012-2013 to evaluate the VSU Reserve Officer Training Corps Unit (ROTCU) on February 13, 2013 on the training and development received by VSU cadets on the rudiments of military service to produce a capable reservist and future reserve officers of the Armed Forces of the Philippines (AFP).

- **Ms. Cherrie D. Atilano**, a 2007 BS in Agriculture major in Horticulture Magna Cum Laude graduate who is a co-founder and chair of Agricool and president of the Blue Bamboo Ventures, was the convocation speaker of the 3<sup>rd</sup> founding Anniversary of the College of Management and Economics (CME) on March 8, 2013.
- **Dr. Angel C. Alcala**, former Chairman of the Commission on Higher Education (CHED), erstwhile Secretary of the Department of Environment and Natural Resources (DENR), and Professor Emeritus of Silliman University, was the guest speaker during the 2013 VSU Honors and Awards Convocation on March 5, 2013 at the VSU Gymnasium. A total of 551 honor students, both graduate and undergraduate levels, and 24 individual and organizations were given recognition during the said occasion.
- The **Institute for Strategic Research and Development Studies (ISRDS)** commemorated the 102<sup>nd</sup> Anniversary of the International Women's Day on March 8, 2013 with an orientation on the *Magna Carta for Women (MCW)* or *Republic Act 9710*.
- **Director Antonio E. Labios**, Director of the Department of Energy (DOE) – Visayas Field Office, in his welcome message during the “Energy Efficiency and Conservation Seminar” on March 13, 2013, encouraged consumers to conserve energy in order to lessen the expenses of the government and to protect the environment because some plants emit gases that can destroy the environment.



The launching of the TechnoPinoy Disc.

- The **Visayas Consortium for Agriculture and Resources Program (ViCARP)** launched its second volume of *TechnoPinoy Disc* during the First Quarter of 2013 Joint ViCARP-Regional R and D Coordinating Council (RRDC) and Regional R&D/Extension Network (RRDEN) – Regional Advisory Council (RAC) meeting held on March 14, 2013 at the VSU Continuing Education Center.
- **Mr. Dominic L. Petilla**, a businessman, was the guest speaker during the 60<sup>th</sup> VSU Collegiate Commencement Exercises on April 5, 2013 at the VSU Gymnasium.
- Two topnotchers in the Professional Licensure Examinations were given medals and cash awards during the 60<sup>th</sup> VSU Collegiate Commencement Exercises on April 5, 2013, namely: **Engr. Jackson A. Bellen** – 3<sup>rd</sup> placer, **Congressman Jose Carlos L. Cari Award of Excellence for Agricultural Engineers** and **Engr. Jefferson T. Cello** – 10<sup>th</sup> placer, **Board Member Florante A. Cayunda, Jr. Award of Excellence for Geodetic Engineers**.
- **Dr. Joel C. Bandibas**, a 1986 BS in Agriculture (BSA) major in Soil Science (*Cum Laude*) graduate, served as the resource person during the training-workshop on the “Development of Web-Based Spatial Information System Using Free and Open Geospatial Consortium-Based Web Services” on May 15-16, 2013 at VSU’s Department of Computer Science and Technology.



Dr. Dely P. Gapasin was the guest speaker during the 2013 VSU Flower and Garden Show.

- Dr. Dely P. Gapasin**, former head of the then VSU's Department of Plant Protection, World Bank Consultant, and a technical expert of the Philippine Senate in agricultural development, was the guest speaker during the opening of the *VSU Flower and Garden Show* on August 2, 2013. She was also the guest speaker of the art exhibit of the "*Hugpong Sabado*" dubbed as "*Pahid Witik: An Art Exhibit*" on the same date.
- The winners of the 2013 *Flower and Garden Show* contests for outstanding landscape and plants per category were, as follows: *Best Landscaped Garden* – **Prof. Mario Baliad** (1<sup>st</sup> place), **Horticulture 241 students c/o Merivic Catada** (2<sup>nd</sup> place), and **Prof. Rosario Salas** (3<sup>rd</sup> place); *Best Bonsai* – **Ms. Rosana Montano** (1<sup>st</sup> place), **Mr. Romeo Belarmino** (2<sup>nd</sup> & 3<sup>rd</sup> places); *Best Orchid* – **Prof. Villaluz Acedo** (1<sup>st</sup> place), **Prof. Victor Briones** (2<sup>nd</sup> & 3<sup>rd</sup> places); *Best Bromeliad* – **Ms. Sarah Goltiano** (1<sup>st</sup> place), **Ms. Norie Navaroza** (2<sup>nd</sup> & 3<sup>rd</sup> places); *Best Foliage A* – **Engr. Mario Valenzona** (1<sup>st</sup> & 2<sup>nd</sup> places), **Eula's Garden** (3<sup>rd</sup> place); *Best Foliage B* – **Ms. Norie Navaroza** (1<sup>st</sup> place), **Ms. Chuana Pagador** (2<sup>nd</sup> & 3<sup>rd</sup> places); *Best Flowering Plant (non-orchid)* – **Dr. Rosario Salas** (1<sup>st</sup> place), **Prof. Villaluz Acedo** (2<sup>nd</sup> & 3<sup>rd</sup> places); and *Best Dish Garden* – **Mr. John Vincent Nogra** (1<sup>st</sup> place), **Mr. Mark Makiling** (2<sup>nd</sup> place) and **Ms. Janina Ortizano** (3<sup>rd</sup> place).
- The **First Triathlon Challenge** initiated by the Institute of Human Kinetics (IHK) was held on August 4, 2013 at the VSU Garden Beach Resort with the following winners per category: 35 years old and below – **Jonahs E. Tan** from Ormoc City (1<sup>st</sup> place), **Felizardo B. Banayag** from Baybay City (2<sup>nd</sup> place), **Patrick D. Stam** from Ormoc City (3<sup>rd</sup> place); 36 years old and above – **Arian L. Cabras** from Baybay City (1<sup>st</sup> place), **Jimmy P. Bolo** from Ormoc City (2<sup>nd</sup> place), **Edsel B. Panta** from Ormoc City (3<sup>rd</sup> place); relay category – team of **Damaso Oledan, Jr.**, **Marco Dayoc** and **Xander Potazo** (1<sup>st</sup> place); team of **Aldren Agravante**, **Neil Bucton** and **Ma. Isabel Jimenez** (2<sup>nd</sup> place); team of **Vicente Bajado**, **Edwin Selesta** and **Russel Busa** (3<sup>rd</sup> place). The event was sponsored by **Dr. Dennis Daniel Roa**, a resident of Baybay City and a famous neurosurgeon of Ormoc Sugarcane Planters Association Farmers Medical Center (OSPA-FMC).



The winners of the first Triathlon challenge.

- The **VSU Faculty and Staff** basketball team won in the basketball tournament dubbed as "*Othello B. Capuno (OBC) Cup 2013*" on August 5, 2013, where **VSU Tolosa** placed 2<sup>nd</sup> place and **VSU Alumni** the 3<sup>rd</sup> place.
- The **Rice Poster-Making Contest** held on August 7, 2013 was anchored on the theme "Be Riceponsible! Palay ay Mahalin Kaya



*Huwag Itong Sayangin*". It was participated in by secondary students and elementary pupils in Baybay City. The winners in the high school category were: **Jan Ulrico Manuel M. Aguilar** from Baybay National High School (*1<sup>st</sup> place*), **Maria Alexandra M. Iligan** from VSULHS (*2<sup>nd</sup> place*) and **Eric T. Hingabay** from Baybay National High School (*3<sup>rd</sup> place*). In the elementary category, the winners were: **Midrienne D. Pelecano** from Baybay I Central School (*1<sup>st</sup> place*), **Lyza Jane Osmeña** of the same school (*2<sup>nd</sup> place*), and **Sofia Beatriz L. Punzalan** from Visca Foundation Elementary School (*3<sup>rd</sup> place*).

- The winners of the singing competition dubbed as "*The Voice of VSU 2013*" held on August 8, 2013 at the VSU Convention Center were: **Ms. Rosebelle Marie Reyes Polinar** from the VSU Main Campus (*grand prize winner*), **Ms. Ana Cris A. Castil** of VSU Tolosa (*2<sup>nd</sup> place*) and **Ms. Christien Leigh P. Sebidos** from VSU Main Campus (*3<sup>rd</sup> place*).
- The *2<sup>nd</sup> VSU Anniversary Fun Run* held on August 9, 2013 had three (3) categories on its runners, namely: *Class A* (VSU students), *Class B* (VSU faculty and staff) and *Class C* (family/group) and the Fun Run had two (2) categories: *3-kilometers* and *5-kilometers*. The winners of the 3-kilometers – men's division were: **Felix Ocon** (*1<sup>st</sup> place*), **Raymund Igcasama** (*2<sup>nd</sup> place*), **Andrew Mazo** (*3<sup>rd</sup> place*); 3-km women's division: **Charise Limbo** (*1<sup>st</sup> place*), **Nancy Donayre** (*2<sup>nd</sup> place*), **Christy Desades** (*3<sup>rd</sup> place*). The winners of the 5-kilometers men's division were: **Jovet Cocamas** (*1<sup>st</sup> place*), **Patrick Nayon** (*2<sup>nd</sup> place*), **Allan Francisco** (*3<sup>rd</sup> place*); 5-km women's division: **Hick Kimberly** (*1<sup>st</sup> place*), **Aiza Ayo** (*2<sup>nd</sup> place*), **Marigold Ritoy** (*3<sup>rd</sup> place*). The only family that joined the Fun Run was the **Dante Family**.

- **Miss Maria A. Ressa**, Rappler Chief Executive Officer and Executive Editor and former CNN Southeast Asia News Bureau Chief and then ABS-CBN News and Current Affairs Chief, was the guest speaker during the *89<sup>th</sup> VSU Founding Anniversary Convocation* on August 10, 2013 at the VSU Gymnatorium.
- The winners of the *First Rice Harvest Dance Festival* held on August 10, 2013 at the VSU Lower Campus Oval were: **College of Education** of VSU Main Campus (*1<sup>st</sup> place*), **VSU Alangalang** (*2<sup>nd</sup> place*), and **VSU Tolosa** (*3<sup>rd</sup> place*).



The College of Education dancers won 1<sup>st</sup> place in the First Rice Harvest Dance Festival.

- **Hon. Dante S. Delima**, Department of Agriculture Undersecretary and National Rice Program Coordinator, was the guest speaker during the Farmers and Fisherfolks' Day (FFD) on August 11, 2013 at the VSU Convention Center but he was represented by **Dr. Santiago R. Obien**, National Rice Program Senior Technical Adviser. He expounded on the proclamation of P-Noy about 2013 as the *National Year of Rice* dovetailed on the theme "*Sapat na Bigas Kaya ng Pinas*" and explained the rice sufficiency program of the government.
- Three outstanding farmers were given awards during the 2013 Farmers & Fisherfolks' Day on August 11, 2013, as follows: **Mr. Olegario F. Paredes, Jr.** of 437 Carlos Tan St., Ormoc City, Leyte was



Mr. Olegario F. Paredes, Jr. (middle) the 2013 Outstanding Farmer Entrepreneur (UGMAD Awardee).

the **2013 Outstanding Farmer-Entrepreneur** or UGMAD Awardee. He received a *Plaque of Recognition* from VSU and a cash prize of P20,000.00 from the Province of Leyte; **Mr. Ariel R. Rupa** of Barangay Baras, Palo, Leyte was the **2013 Outstanding Vegetable Farmer** who received a *Plaque of Recognition* from VSU and a cash prize of P5,000.00 and a box of certified seeds from East-West Seed Philippines; and **Mr. Rowil G. Batan** of Barangay Belen, Leyte, Leyte was the **2013 Outstanding Livestock Farmer** and received a *Plaque of Recognition* from VSU and a cash prize of P10,000.00 from Univet Nutrition and Animal Health Care Company (UNAHCO).

- The winners of the **First VSU Rice Cook Fest and Livelihood Caravan** held on August 11, 2013 were: *Main Dish Category* - **Edwin Cagoyong, Lovely Terol and Jane Vilbar** (HRTM students Group 2) for their recipe called *brown rice loaf with sweet and sour sauce*; and the *Dessert Category* – **Brayan A. Bornias, Ronacel B. Natulia and Margene A. Villamor** (DFST Innovators Team).
- **Director Michael M. dela Cruz**, Director II of the Western Leyte-Biliran Field Office, joined the VSU community in the culmination of the 113<sup>th</sup> Philippine Philippines Civil Service Commission Anniversary Month Celebration on September 25, 2013.

- **Dr. Julian Vassallo**, Political Counsellor of the European Union (EU) Delegation to the Philippines, attended the *VSU Erasmus Mundus Day* organized by the Erasmus Mundus Club on September 27, 2013 at the VSU Center for Continuing Education (CCE).

VSU hosted meetings, trainings, workshops, seminars, and conferences during the year, as follows:

- ✓ The inception meeting of the *ACIAR-ICM HORT 2012/020* project entitled “Integrated Crop Management to Enhance Vegetable Profitability and Food Security in the Southern Philippines and Australia” was held on February 18-21, 2013 at the VSU’s Center for Continuing Education.
- ✓ “*Energy Efficiency and Conservation Seminar*” conducted by the Department of Energy (DOE) through the Philippine Energy Efficiency Project for VSU household members and those from the neighboring barangays on March 13, 2013 at the VSU Convention Center. The seminar was designed to orient the housewives and other household members on how to conserve electricity/energy and at the same time guide the consumers how to buy appliances especially those with yellow label called the Energy Efficiency Rating.



The participants to the First VSU Rice Cook Fest and Livelihood Caravan.



- ✓ *“Consultative Workshop on Vegetable Industry Analysis and Development Directions for Eastern Visayas”* where 40 agriculturists, HVCDP coordinators, key farmers, key traders, academicians, and members of the Regional Vegetable Working Group (VWG) from the six (5) provinces and cities of Eastern Visayas (Samar, Eastern Samar, Northern Samar, Biliran, Leyte, Southern Leyte, Calbayog City, Ormoc City, and Tacloban City) converged on June 5-6, 2013 at the VSU Center for Continuing Education.
- ✓ *HORT2012/020 Vegetable Integrated Crop Management (ICM) Workshop* on August 13-13, 2013 at the Audio Visual Room of the Office of the Vice President for Research and Extension (OVPRE) was conducted by the Australian Government through the Australian Centre for International Agricultural Research (ACIAR) and the New South Wales Government through the Department of Primary Industries (NSW DPI).
- ✓ *“Training on Horticultural Research, Technology Development and Commercialization”* on June 25-28, 2013 at VSU’s Department of Horticulture for 40 agriculture teachers, researchers, supervisors, technical personnel, and students of higher education institutions, government agencies, and private firms from Visayas and Mindanao (Vis-Min). The training promoted the agriculture industry, specifically in horticulture, not only among the stakeholders but also those who are advocates in improving and developing the horticulture program of the country.
- ✓ *36<sup>th</sup> Philosophical Association of the Visayas and Mindanao (PHAVISMINDA) Annual Conference* was held in VSU on May 23-25, 2013 with the theme “Ethics and the Environment.” Prof. Guiraldo C. Fernandez, DLABS Head, coordinated the aforesaid activity.
- ✓ *National Conference on Development Initiatives in the Philippine Marginal Upland* on October 22-24, 2013 at the VSU Convention Center with 200 researchers, academicians, local chief executives, representatives and dignitaries from various government and private organizations throughout Luzon, Visayas and Mindanao as participants. The theme of the conference was “Enhancing farm productivity and environmental quality of Philippine marginal uplands: A scan of the past and a look into the future.”

# COLLABORATION



*The signing of the Memorandum of Understanding (MOU) between VSU and the Philippine Coconut Authority (PCA).*

During the year, VSU forged agreement with the following agencies, institutions, and individuals for the support of the different programs:

- **Mie University (MU), Tsu City, Japan** – for academic cooperation and exchange of faculty and staff, students, publications and relevant academic and educational information, joint research, lectures, symposia, etc.
- **Masaryk University** – for the partnership in **TIME – Towards Integration and Modernisation in Education**
- **Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH** – for the project, entitled: “SIMPLE Facilitators Course for Ten Municipalities of Samar Province.”
- **Georg-August-Universität Göttingen (Germany) and Bogor Agricultural University-IPB Bogor (Indonesia)** – for the **EXPERTS4Asia – Exchange by Promoting Quality Education, Research and Training in South and South-East Asia**.
- **Politecnico di Torino and Hanoi University of Science and Technology** – for the partnership in **AREAS + Academic Relations between Eu and Asia+**
- **Helmholtz-Zentrum für Umweltforschung GmbH, UFZ** – for the research project, entitled: “**Land-use intensity and Ecological Engineering - Assessment Tools for risks and Opportunities in irrigated rice based production systems – LEGATO.**”
- **Visayan Association of Australia (VAA), Inc.** – for the scholarship program of students from the Visayas region and Bisaya-speaking region of Mindanao.
- **Asia-Pacific Network for Global Change Research (APN)** – for the implementation of the research, entitled: “**Strengthening the Capability of Colleges of Agriculture in Incorporating Food and Water Security and**

Climate Change and Climate Variability into Curricular Programs, Research and Extension Projects and Teaching Modules”.

- **NatureLife-International** – for the implementation of the research project on CO2 compensation.
- **International Rice Research Institute (IRRI)** – for the IRRI-Landbank *Gawad Patnubay (Gawad Pag-aaral Tungo sa Maunlad na Bayan)* Scholarship Program for students who will specialize in the fields of agriculture and fisheries and it aimed to develop skills in modern agriculture, renew enthusiasm for the agriculture sector, promote sustainable development, and reduce poverty in the countryside.
- **WorldFish** – for the implementation of the project, entitled: “Rapid Appraisal on the Viability of Rehabilitating Abaca Farming in Selected Barangays of Sogod, Southern Leyte”
- **Worldfish and VISCA Foundation for Agricultural and Rural Development, Inc. (VIFARD)** – for the implementation of the project, entitled: “Assessment and valuation of natural assets in the aquatic agricultural systems of Sogod Bay, Southern Leyte, Philippines: A Baseline Study”
- **Trustees of Rutgers University (RUTGERS)** – implementation of the project, entitled: “Effects of low population density on reef fish connectivity”, a research on the ecology and population genetics of clownfish
- **Commission on Higher Education (CHED)** – for the implementation of the project, entitled: “Aerial Imagery for Critical Infrastructure, Precision Farming, and Disaster Science in the Visayas” under the Research Development and Capability Building Program on Disaster Science.
- **Commission on Higher Education (CHED)** – for the implementation of National Universities/Colleges of Agriculture (NUCA) wherein VSU was designated to coordinate per CHED Memorandum Order (CMO) No. 18, Series of 2009.
- **Philippine Science High School-Central Visayas Campus (PSHS-CVisC)** – for the 2013 Summer Science Internship Program (SSIP) of their students at VSU.
- **Philippine Science High School-Eastern Visayas Campus (PSHS-EVC)** – for the Summer Science Internship Program of their students at VSU.
- **Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD)** – for the implementation of the following projects, entitled: “Reinvigorating the coconut industry through *in vitro* culture (somatic embryogenesis) and strengthening agricultural biotechnology laboratories using advanced and cost-cutting methods and products”; “Impact Assessment of DOST-UNDP Gainex Project on Promotion of Environmentally Sound Aquaculture Techniques for Prawn/Shrimp”; “Supply Chain Improvement of Sago in Selected Regions in the Philippines (Phase I: Evaluation Research); “Genetic Markers and Immuno-based Identification of Philippine Carabao Mango”
- **Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD) and Philippine Carabao Center at Visayas State University (PCC-VSU)** – for the implementation of the project, entitled: “Community Based S&T Based Farm (CBSTBF) on the Use of Flushing and Supplementation to Enhance the Carabao-based Dairy Farms in Baybay, Leyte”
- **Civil Service Commission (CSC)** – for VSU’s Quest for the Seal of Excellence under the Program to Institutionalize Meritocracy and Excellence in Human Resource Management (PRIME-HRM).

- **Philippine Coconut Authority (PCA)** – for a joint venture on “Coconut Planting and Replanting Project” wherein PCA shall provide funds in the amount of P2.6M to purchase 100,000 selected quality coconut seedlings from VSU.
- **First Analytical Services and Technical Cooperative (F.A.S.T or FASTLab)** – for the establishment of an undergraduate scholarship program at VSU as part of the company’s social responsibility program that aims to provide full tuition support and allowances for one or more scholars each year who are enrolled in the course, Bachelor of Science in Chemistry in the College of Arts & Sciences in VSU.
- **Department of Agriculture, Regional Field Unit No. 8 (DA-RFU8)** – for providing two (2) units greenhouse to the Philippine Root Crops Research and Training Center (PhilRootcrops) to modernize the rootcrop industry in the region in the production of tissue-cultured rootcrops (sweet potato, and ube).
- **Department of Agriculture, Regional Field Unit 8 (DA-RFU8)** – for the implementation of the project, entitled: “Adoption of Bhoochetana Principles and Approach in Boosting Agricultural Productivity in Region 8 (Phase 1)”.
- **Bureau of Agricultural Research**, a staff bureau of the **Department of Agriculture (DA-BAR)** – for the implementation of the following projects: “Screening and Evaluation of 47 NSIC-Registered Cassava Varieties for Cassava Phytoplasma Disease (CPD) and Varietal Reaction to Pre-Planting Antibiotic Treatment”; “Geo-Referenced Approached for Enhanced Cassava Industry Development and RDE Planning”; “Improving Cassava Value Chains for Food, Dried Grates, Flour and Products in Selected Areas in the Philippines”; Physico-chemical Characterization of Various Root Crop Tubers for Increased Utilization and Product Development Options”



*VSU President, Dr. Jose L. Bacusmo signed the contract for the agri-extension project with DAR-8 Regional Director Eliasem Castello.*

- **Department of Agrarian Reform (DAR)** – to work together in transforming selected agrarian reform beneficiary organizations (ARBOs) in Region 8 into viable agri-entrepreneurs.
- **Department of Agrarian Reform Regional Office No. VIII (DAR RO8)** – for the implementation of the project on Market-Oriented Agri-Technology and Agri-Extension Services of the Agrarian Reform Community Connectivity and Economic Support Services (ARCESS) Project of Region VIII for Lot 8-AES-A (Rice, Sweet Potato and Cassava Production).
- **V. E. Lubiano Surveying and Engineering Services** – for the relocation survey, establishment of boundaries and monuments for VSU landholdings.
- **Technology Application and Promotion Institute (TAPI) and the Department of Science and Technology Regional Office No. VIII (DOST RO8)** – for the implementation of the project, entitled: “D’FOST Sweet Potato Wine”
- **Merck, Inc. (Merck Millipore Division)** – for the *Ligtas Eskwela* Program, a safety program focused on students to ensure safety awareness as they learn about the use of chemicals in their courses.
- **National Economic and Development Authority Regional Office VIII (NEDA RO8)** – for the implementation of the capacity building program on Impact Evaluation (IE).

# AWARDS RECEIVED BY STUDENTS FOR SY 2013-2014

NAME OF AWARD	RECIPIENT	AGENCY/COMPETITION	DATE
<b>INTERNATIONAL LEVEL</b>			
STEP@TUAT Scholar	Mariecris Arances	STEPTUAT Sept. 30, 2013	Oct 1, 2012 to Sept. 30, 2013
<b>NATIONAL LEVEL</b>			
Plaque of Recognition – Best Completed Research (Undergraduate Thesis Category)	Ian Kim P. Gahoy	PCC	May 30, 2013
3 <sup>rd</sup> Runner-Up – National Speech Contest	Prince Darius A. Lina	DepEd	Oct. 18, 2013
2 <sup>nd</sup> place – Teens Category 2 <sup>nd</sup> place – Kids Category	Joji Marie Y. Teves	Dept of Agriculture Biotech Program (Biotechnology Fun Fair)	Nov. 28, 2013
1 <sup>st</sup> place – Individual Project (Physical Science Category) 1 <sup>st</sup> place – Best Poster	Jan Edrea D. Cortes	INTEL	Dec. 2-6, 2013
2 <sup>nd</sup> place – Team Project (Life Science Category)	Rheina Marie B. Retana April Joy S. Vergara Mary Angelica A. Villocino	INTEL	Dec. 2-6, 2013
<b>REGIONAL LEVEL/ PROVINCIAL LEVEL</b>			
1 <sup>st</sup> place - Physical Sciences & Engineering Cluster	Renee Rose C. Casillano	UP Visayas-Tacloban College (UPVTC)	Mar. 22, 2013
Best Poster – Life Sciences Cluster	Kent Mavric J. Macariola	UPVTC	Mar. 22, 2013
Best Poster – Physical Sciences & Engineering Cluster	Joan G. Campos	UPVTC	Mar. 22, 2013
2 <sup>nd</sup> place – Best Poster	Lloyd Reloba Liandra Dominique Durog Airellen Jade Esquijo Kristel Racho Libeth Cuban	ADPCN Region 8 & PNA, North Leyte Chapter	Mar. __, 2013
Plaque of Recognition – Best Undergraduate Thesis	Ian Kim Gahoy	PSAS-Visayas	Aug. 28, 2013
1 <sup>st</sup> place – Philippine Statistical Quiz Show (Provincial Elimination)	Dan Clyve C. Incorporado	National Statistics Office (NSO)	Oct. 17, 2013



NAME OF AWARD	RECIPIENT	AGENCY/COMPETITION	DATE
2 <sup>nd</sup> place – Philippine Statistical Quiz Show (Provincial Elimination)	Paulo G. Batidor	National Statistics Office (NSO)	Oct. 17, 2013
3 <sup>rd</sup> place – Philippine Statistical Quiz Show (Provincial Elimination)	Kathleen P. Gogo	National Statistics Office (NSO)	Oct. 17, 2013
1 <sup>st</sup> place – Individual Project (Life Science Category)	Jan Edrea D. Cortes	INTEL	Oct. 3-5, 2013
1 <sup>st</sup> place – Team Project (Life Science Category)	Rheina Marie B. Retana April Joy S. Vergara Mary Angelica A. Villocino	INTEL	Oct. 3-5, 2013
1 <sup>st</sup> place – Team Project (Physical Science Category)	Kopher Ken Salada Joash Dhoods Ugsang Jay Vee Mark Santerva	INTEL	Oct. 3-5, 2013
3 <sup>rd</sup> place – Team Project (Physical Science Category)	Lendelle Cagasan Kara Maria Roa Kristin May Salidaga Jamie Lee Milla	INTEL	Oct. 3-5, 2013
3 <sup>rd</sup> place – Individual Project (Life Science Category)	Prince Darius A. Lina	INTEL	Oct. 3-5, 2013
1 <sup>st</sup> place – Voice of Asia	Prince Darius A. Lina	DepEd	Sept. 24, 2013
<b>INSTITUTIONAL/LOCAL</b>			
Leadership Award	Wilfred P. Alfeche	VSU Main	March 5, 2013
Endeavor Award	Geraldo S. Galoy	VSU Main	March 5, 2013
Best Undergraduate Thesis in Fisheries	Johan Manoel G. Avorque	VSU Tolosa	April 2, 2013
Outstanding Student Teacher	Alysa Jane S. Mesias (BEEd) Jessica C. Bioco (BSEd-Math)	VSU Tolosa	April 2, 2013
Endeavor Award	Ray Abogado Nora Aniga Laureano Morante, Jr. Lorenzo Panao	VSU Alangalang	April 2, 2013
Outstanding Student Teachers	Lyra Abatias Ray Abogado Joanne Tonnette Alcober Nora Aniga Sherilyn Arpon Riza Asis Carmen Cahimat Rizzalyn Capatoy Melita Cardines Jhoanna Corsanes Realyn Dagsa Chariza Gariando Abegail Morante Myco Pedrera Sherilyn Tejones Mary Grace Triste	VSU Alangalang	April 2, 2013

NAME OF AWARD	RECIPIENT	AGENCY/COMPETITION	DATE
Endeavor Award	Evelyn S. Ubaldo Mary Grace G. Osisador Ramelito S. Inopiquez	VSU Villaba	April 3, 2013
Service Award	Apolinario B. Encenares	VSU Villaba	April 3, 2013
Plaque of Recognition – Outstanding Development Communication Research of the Year	Vincen Dioress D. Arayan	VSU DevCom Alumni Association	April 4, 2013
2013 Outstanding Scholastic Achievement Award	Josefina F. Ballesteros	VSU	April 5, 2013
Phi Delta Outstanding Graduate Thesis Award (Applied Life Sciences Category)	Mylene A. Anwar	Phi Delta, VSU	April 5, 2013
Phi Delta Outstanding Undergraduate Thesis Award (Pure Life Sciences Category)	Renee Rose C. Casillano	Phi Delta, VSU	April 5, 2013
Phi Delta Outstanding Undergraduate Thesis Award (Physical Sciences Category)	Elden P. Jayag	Phi Delta, VSU	April 5, 2013
Phi Delta Outstanding Undergraduate Thesis Award (Socioeconomics Category)	Mark C. Ratilla	Phi Delta, VSU	April 5, 2013
Certificate of Recognition – Finalist	Eula Dee A. Lañada	Phi Delta	April 5, 2013
1 <sup>st</sup> place – On the Spot Painting Contest	Sherbein John Jorda (VSU Isabel Campus)	PASAR Foundation, Inc.	Aug. 10, 2013
Rice Cooking Festival 1 <sup>st</sup> place – Dessert Category 2 <sup>nd</sup> place – Main Dish Category	Brayan A. Bornias Ronacel B. Natulla Margene A. Villamor	VSU (PhilRice National Year for Rice (NYR))	Aug. 11, 2013
1 <sup>st</sup> place – Voice of Asia	Prince Darius A. Lina	DepEd	Sept. 20, 2013
Best Debater – Friendly Debate with FCIC	Claire Larzen Z. Tello	DLABS-VSU	Sept. 24, 2013
Best Speaker – Friendly Debate with FCIC	Sagar J. Chathanath	DLABS-VSU	Sept. 24, 2013
2 <sup>nd</sup> place – Statistics Quiz	Jamiel Magomnang, Jr. Kezia Recca Villamayor Jan Ross Cormaness Hariz Ivy Baliad Lendelle Cagasan April Joy Vergara Kara Maria Roa John Andre Lao Keirsten Mae Dacera Rose Ann Juanir	DepEd	Oct. 16, 2013

# AWARDS RECEIVED BY VSU PERSONNEL

NAME OF AWARD	RECIPIENT	AGENCY/COMPETITION	DATE
<b>INTERNATIONAL LEVEL</b>			
The John Dillon Memorial Fellowship Award President's Award	Prof. Reny G. Gerona	ACIAR	Feb. 11, 2013 - Mar. 23, 2013
BEST Paper Award	Engr. Jean Katrine L. Boyles	International Agric. Engineering Con	April 22-26, 2013
1 <sup>st</sup> place – Best Paper (Agricultural Waste Utilization Category)	Feliciano G. Sinon	Philippine Society of Agricultural Engineers	April 25, 2013
3 <sup>rd</sup> place – Best Paper (Agricultural Processing and Structures Category)	Feliciano G. Sinon	Philippine Society of Agricultural Engineers	April 25, 2013
Erasmus Mundus Fellowship	Dr. Leslie T. Ubaub	Erasmus Mundus	Nov. 15, 2013 - May 15, 2014
Post-Doctoral Fellowship	Dr. Rotacio S. Gravoso	Erasmus Mundus Action Programme2	Dec 1, 2012 - May 31, 2013
2013 SEARCA Regional Professional Chair Grant	Dr. Annabella B. Tulin	SEARCA	2013-2014
Academic Staff Mobility for EXPERTS II	Dr. Anabella B. Tulin	EXPERTS	
ISHS Medal of Meritorious Service International Society for Horticultural Science, Belgium	Dr. Antonio L. Acedo, Jr.	International Society for Horticultural Science, Belgium, VSU & KMUTT	Dec. 4-6, 2014
Outstanding Contribution to Postharvest Horticulture Community	Dr. Antonio L. Acedo, Jr.	Commission on Quality and Post-harvest Horticulture, ISHS, Belgium	Dec. 4-6, 2014
Outstanding Researcher in Postharvest Horticulture	Dr. Antonio L. Acedo, Jr.	Commission on Quality and Post-harvest Horticulture, ISHS, Belgium	Dec. 4-6, 2014
Outstanding Organization in Contribution to Postharvest Horticulture Community	Department of Horticulture, VSU, Visca, Baybay City, Leyte	Commission on Quality and Post-harvest Horticulture, ISHS, Belgium	Dec. 4-6, 2014

NAME OF AWARD	RECIPIENT	AGENCY/COMPETITION	DATE
<b>NATIONAL LEVEL</b>			
2013 PARRFI Professorial Chair	Dr. Lolito C. Bestil Dr. Rotacio S. Gravoso Dr. Romel B. Armecin Dr. Daniel Leslie S. Tan	PARRFI	2013-2014
1 <sup>st</sup> place – Agricultural Waste Utilization Category	Dr. Feliciano G. Sinon	PSAE	April 22-26, 2013
1 <sup>st</sup> place – Agricultural Processing and Structure Category	Engr. Jean Katrine L. Boyles	PSAE	April 22-26, 2013
Best Paper Award	Dr. Daniel Leslie S. Tan	PSAE	April 22-26, 2013
Best Paper Award	Dr. Zenaida C. Gonzaga Dr. Othello B. Capuno Dr. Pedro T. Armenia Prof. Manolo B. Loreto Dr. Reny G. Gerona Dr. Lucia M. Borines Dr. Anabella B. Tulin Mr. Jonathan S. Mangmang Ms. Elsie R. Tausa Ms. Dhenber C. Lusanta Ms. Ma. Lilia P. Vega Mr. Ken M. Menz Mr. Gordon S. Rogers	Phil. Study of Nature, Inc.	May 21-25, 2013
Plaque of Recognition	Dr. Rotacio C. Gravoso Mr. Ian K. Gahoy	PCC	May 30, 2013
Best Poster Award (Biological Sciences Category)	Prof. Villaluz Z. Acedo	National Rootcrops Council of the Phil	July 16, 2013
2013 Distinguished Alumna for Research and Extension	Dr. Anabella B. Tulin	UPLB-CAAA	Oct. 9, 2013
AFMA Best Paper Award (Gold Award)	Dr. Edgardo E. Tulin	DA-BAR	Oct. 16, 2013
AFMA Best Paper Award (Gold Award – Socioeconomic Category)	Dr. Antonio P. Abamo Mr. Mark C. Ratilla	DA-BAR	Oct. 16, 2013
AFMA Best Paper Award (Bronze Award)	Dr. Anabella B. Tulin	DA-BAR	Oct. 16, 2013
AFMA R&D Paper Award	Dr. Anabella B. Tulin	DA-BAR	Oct. 16, 2013
AFMA Best Poster Award (Gold Award)	Dr. Edgardo E. Tulin	DA-BAR	Oct. 16, 2013

NAME OF AWARD	RECIPIENT	AGENCY/COMPETITION	DATE
AFMA Best Poster Award (Bronze Award)	Dr. Antonio P. Abamo Mr. Mark C. Ratilla	DA-BAR	Oct. 16, 2013
AFMA R&D Award	Prof. Villaluz Z. Acedo	DA-BAR	Oct. 16, 2013
Paper Qualifier for the AFMA R&D Paper Award Oct. 16, 2013	Dr. Ruben M. Gapasin Prof. Reny G. Gerona	DA-BAR	DA-BAR
2013 Gawad Saka Outstanding Scientist (Finalist)	Dr. Erlinda A. Vasquez	DA-BAR	Oct. 17, 2013
Certificate of Recognition – for developing the Website of PACE	Mr. Jed Asaph D. Cortes	Philippine Asso. of Communication Educators (PACE)	Oct. 24, 2013
<b>REGIONAL LEVEL</b>			
Certificate of Appreciation	Dr. Lourdes Cano	Civil Service Commission RO8	Feb. 8, 2013
Regional Gawad Saka Outstanding Scientist – GAWAD SAKA 2011 Award	Prof. Algerico M. Mariscal	DA-RFU8	May 29, 2013
Regional Gawad Saka Outstanding Scientist – GAWAD SAKA 2012 Award	Dr. Erlinda A. Vasquez	DA-RFU8	May 29, 2013
Regional Gawad Saka Special Citation Award for Outstanding Scientist for 2012	Dr. Anabella B. Tulin	DA-RFU8	May 29, 2013
Best PCHRD Paper – Regional Qualifier	Dr. Julie D. Tan	PCHRD	
Best Completed Paper – Research Category	Dr. Candelario L. Calibo Prof. Jacob Glenn F. Jansalin Prof. Dewoowoogen Baclayon	Cluster II Inter-agency RDE Review	June 25-26, 2013
2nd prize – Best Completed Research Project	Dr. Ruben M. Gapasin Prof. Reny G. Gerona	RRDEN- ViCARP	July 19, 2013
3rd prize – Outstanding Creative Research	Dr. Feliciano G. Sinon	DOST	August 19-21, 2013
3rd place – Research Competition (secondary level) – adviser	Dr. Lorina A. Galvez	POSTE Region 8	Aug. 25, 2013



NAME OF AWARD	RECIPIENT	AGENCY/COMPETITION	DATE
<b>REGIONAL LEVEL</b>			
1 <sup>st</sup> prize – Research Paper Award (Applied Research Category – Grower)	Dr. Agnes M. Taveros Dr. Julius V. Abela	PSAS-Visayas	Aug. 23-26, 2013
2 <sup>nd</sup> prize – Research Paper Award (Applied Research Category – Phernet Grower)	Dr. Alberto A. Taveros Dr. Julius V. Abela Mr. B. Rebuyas	PSAS-Visayas	Aug. 23-26, 2013
1 <sup>st</sup> prize – Research Paper Award (Swine Category – Phernet)	Dr. Alberto A. Taveros Dr. Julius V. Abela Mr. B. Rebuyas	PSAS-Visayas	Aug. 23-26, 2013
2 <sup>nd</sup> place – Best Poster Award	Mr. Warren D. Atole	PSAS-Visayas	Aug. 23-26, 2013
3rd place – Adviser in Research Competition (Secondary Level)	Dr. Lorena A. Galvez	POSTE Region 8	Aug. 25, 2013
Plaque of Recognition – Best On-going Research Paper	Dr. Lucia M. Borines	VCARP/RRDEN & VSU	Oct. 18, 2013
3 <sup>rd</sup> place – Best Completed Extension Paper	Dr. Ma. Juliet C. Ceniza Dr. Marlito Jose M. Bande Dr. Reneza S. Come Mr. Hernando L. Mondal Mr. Jimmy O. Pogosa	VCARP/RRDEN & VSU	Oct. 18, 2013
1 <sup>st</sup> place – Best Completed Research	Prof. Villaluz Z. Acedo	VCARP/RRDEN & VSU	Oct. 18, 2013
2 <sup>nd</sup> place – Best Completed Research	Dr. Julie D. Tan Dr. Daniel Leslie S. Tan	VCARP/RRDEN & VSU	Oct. 18, 2013
3 <sup>rd</sup> place – Best Completed Research	Prof. Villaluz Z. Acedo	VCARP/RRDEN & VSU	Oct. 18, 2013
3 <sup>rd</sup> place – Best Development Project	Dr. Daniel Leslie S. Tan Prof. Ramon R. Orias Dr. Julieta R. Roa	VCARP/RRDEN & VSU	Oct. 18, 2013
3 <sup>rd</sup> place – Best Development Paper	Prof. Nilda T. Amestoso	VCARP/RRDEN & VSU	Oct. 18, 2013
Best Poster Award	Mr. W.D. Come	PSAS-Visayas Chapetr	Oct. 30, 2013
<b>INSTITUTIONAL/MUNICIPAL LEVEL</b>			
Certificate of Recognition – (Adviser – 1 <sup>st</sup> place)	Dr. Roberta D. Lauzon	VFES	Jan. 2013
3 <sup>rd</sup> place – Smart Cup Football Tournament	Mr. Ricardo C. Nanggan, Jr.	(SMART) San Carlos City	Feb. 17, 2013

NAME OF AWARD	RECIPIENT	AGENCY/COMPETITION	DATE
Keeper of Service Award (Advisers of Student Organizations)	Dr. Lorena A. Galvez Dr. Ma. Juliet C. Ceniza Dr. Tomas J. Fernandez, Jr. Dr. Candilario L. Calibo Dr. Rodrigo F. Sebidos Dr. Lijuerah J. Cuadra Prof. Reny G. Gerona Prof. Rosalina P. Poliquit Ms. Gilda D. Duran Mr. Vicente A. Cordero	VSU	March 5, 2013
Champion Coach – Basketball Tournament (College Division – Women)	Mr. Ricardo C. Nanggan, Jr.	OCCSO, Ormoc City	March – April 2013
Plaque of Recognition (Adviser – 2013 PhiDelta Outstanding Undergraduate Thesis – Pure Life Science Category)	Dr. Lucia M. Borines	Phi Delta, VSU	April 4, 2013
Plaque of Recognition (Adviser – Best Undergraduate Thesis – Applied Life Sciences Category)	Dr. Roberta D. Lauzon	Phi Delta Honor Society of Science	April 4, 2013
Certificate of Recognition (Adviser – Best Undergraduate Thesis)	Dr. Christina A. Gabrillo	VSU DevCom Alumni Association	April 4, 2013
Plaque of Recognition	Dr. Felipe Q. Albeos Dr. Gloria R. Pelayo Ms. Hervina V. Mollejon	VSU Villaba	April 4, 2013
Champion Coach – Open Basketball Women	Mr. Ricardo C. Nanggan, Jr.	Ormoc City LGU	April 10, 2013
Valued Mentor	Mr. Dennis Antonio C. Varron	Freshmen Batch '78	May 17, 2013
Best Ongoing Research Paper	Dr. Erlinda A. Vasquez Prof. Algerico M. Mariscal	ODREX	
1 <sup>st</sup> place – Best Completed Research	Prof. Villaluz Z. Acedo	ODREX	
2 <sup>nd</sup> place – Best Completed Research	Dr. Julie D. Tan Dr. Daniel Leslie S. Tan	ODREX	
3 <sup>rd</sup> place – Best Completed Research	Prof. Villaluz Z. Acedo	ODREX	
Certificate of Recognition	Ms. Marissa M. Cano	Baybay City LGU	June 16, 2013
Certificate of Recognition (Adviser – Best Undergraduate Thesis)	Dr. Christina A. Gabrillo	VSU DevCom Alumni Association	April 4, 2013

NAME OF AWARD	RECIPIENT	AGENCY/COMPETITION	DATE
1 <sup>st</sup> place (Champion) – Kulas Cup)	Mr. Ricardo C. Nanggan, Jr.	Baybay Football Club	Aug. 4, 2013
5th place – Mixed Team Triathlon	Mr. Ricardo C. Nanggan, Jr.	Baybay Cycling Association	Aug. 4, 2013
<i>Exemplary Academician Award</i>	Dr. Editha G. Cagasan	VSU	Aug. 10, 2013
Plaque of Recognition – <i>Family of the Year Award</i>	Ms. Luzminda G. Cachuela	VSU	Aug. 10, 2013
Plaque of Recognition – <i>Best Skilled Worker</i>	Mr. Louis P. Prado	VSU	April 10, 2013
Plaque of Recognition – <i>Family of the Year Award</i>	Ms. Luzminda G. Cachuela	VSU	Aug. 10, 2013
Plaque of Recognition – <i>Model Job Order Staff</i>	Ms. Pearl P. Vistal	VSU	Aug. 10, 2013
Loyalty Award	Ms. Ruth C. Amodia Ms. Rosa Leah C. Borer Mr. Emmanuel J. Casimban Dr. Judith B. Jomadiño Dr. Manuel S. Rona Mr. Edwin N. Tante	VSU Alangalang	Sept. 6, 2013
Certificate of Recognition – (Adviser – 1 <sup>st</sup> place)	Dr. Roberta D. Lauzon	VSULHS	Sept. 16-17, 2013
Certificate of Recognition – 2 <sup>nd</sup> place (Adviser) – Best Paper in Life/Biological Sciences (Group Category)	Dr. Zenaida C. Gonzaga	VSULHS	Sept. 16-17, 2013
Certificate of Recognition – 1 <sup>st</sup> and 3 <sup>rd</sup> places (Adviser) – Poster Research	Dr. Zenaida C. Gonzaga	VSULHS	Sept. 16-17, 2013
3 <sup>rd</sup> place – Open Frisbee Tournament	Mr. Ricardo C. Nanggan, Jr.	MAPEH Club, VSU	Sept. 21, 2013
4 <sup>th</sup> place Coach – Derek Banks Tournament	Ms. Mary Jean M. Sapan	Derek Banks	Sept. 28-29, 2013
Champion Coach – Volleyball Tournament	Ms. Florife A. Gatchalian	OCCSO, Ormoc City	Oct. 11-13, 2013
1 <sup>st</sup> Runner-Up Coach – Athletics Men's Team	Prof. Vicente B. Antipaso	Regional SCUAA, Tacloban City	Oct. 22-27, 2013
Champion Coach – Dance Sports Competition (Modern Standard Discipline)	Mr. Jovel M. Aberilla	Regional SCUAA, Tacloban City	Oct. 22-27, 2013
1 <sup>st</sup> Runner-Up Coach (Dance Sports Competition (Latin Discipline)			

NAME OF AWARD	RECIPIENT	AGENCY/COMPETITION	DATE
1 <sup>st</sup> Runner Coach – Basketball Women	Mr. Ricardo C. Nanggan, Jr.	Regional SCUAA, Tacloban City	Oct. 22-27, 2013
Certificate of Merit	Mr. Antonio B. Asilom	VSU Main	March 9, 2013
Plaque of Recognition (Adviser – 2013 Phi Delta Outstanding Undergraduate Thesis – Pure Life Science Category)	Dr. Lucia M. Borines	Phi Delta, VSU	April 4, 2013
Plaque of Recognition (Adviser – 2013 Phi Delta Outstanding Undergraduate Thesis – Social Science Category)	Dr. Antonio P. Abamo	Phi Delta, VSU	April 4, 2013
Plaque of Recognition (Adviser – 2013 Phi Delta Best Graduate Thesis)	Dr. Roberta D. Lauzon	Phi Delta, VSU	April 4, 2013
Exemplary Academician Award	Dr. Editha G. Cagasan	VSU	Aug. 10, 2013
Model Science Research Assistant Award	Ms. Luz G. Asio	VSU	Aug. 10, 2013
Model Skilled Worker Award	Mr. Louis P. Prado	VSU	Aug. 10, 2013
Model Job Order Staff	Ms. Pearl P. Vistal	VSU	Aug. 10, 2013
Loyalty Award	Ms. Ruth C. Amodia Ms. Rosa Leah C. Borer Mr. Emmanuel J. Casimban Dr. Judith B. Jomadiao Dr. Manuel S. Rona Mr. Edwin N. Tante	VSU Alangalang	Sept. 6, 2013
Certificate of Recognition – (Adviser – 1 <sup>st</sup> place)	Dr. Roberta D. Lauzon	VSULHS	Sept. __, 2013
Exemplary Behavior Award	Mr. Antonio P. Bengalan	VSU Main	Sept. __, 2013
Loyalty Award	35 years of service Mr. Evelio A. Abenoja Dr. Alice M. Acabal Mr. Constancio A. Alkuino Ms. Marcelina C. Amihan Ms. Asuncion C. Arradaza Mr. Prospero P. Bagarinao Dr. Edwin A. Balbarino Mr. Peter B. Belarmino Mr. Demetrio V. Belmonte, Jr. Ms. Bernardita P. Bibera Mr. Noel V. Borigon Ms. Dorcas B. Dela Torre Prof. Alfredo G. Dingal	VSU Main	Sept. 25, 2013

NAME OF AWARD	RECIPIENT	AGENCY/COMPETITION	DATE
	Ms. Graciana M. Espinosa Ms. Carmela G. Filipino Mr. Laureano S. Maranguit Mr. Ruperto P. Modina Ms. Redempta L. Soria Mr. Daniel M. Tudtud, Jr.		
	30 years of service Mr. Virgilio C. Acilo Mr. Fabian C. Alberio Ms. Thelma P. Apas Mr. Mario C. Bantugan Ms. Regina M. Canono Ms. Adelina O. Carreno Mr. Nicola C. Carreno Mr. Rito S. Codog Mr. Selvano S. Dalion Ms. Erlinda V. Impas Ms. Lorenda G. Jayme Mr. Jaime M. Lasquites Mr. Luciano G. Liong, Jr. Mr. Narciso P. Mazo Mr. Cesar B. Mendiola Ms. Rosita S. Montes Ms. Analou S. Montejo Ms. Vilma C. Olleras Prof. Lucy B. Paloma Mr. Alexander P. Rabor Dr. Rosario A. Salas Mr. Remigio M. Sanico Prof. Erna J. Sedigo Ms. Isabelita V. Sedrome Ms. Asteria A. Sevilla Ms. Marilou L. Sta. Iglesia Mr. Leonilo B. Torcino Mr. Alex P. Tulin Ms. Pamela H. Urdaneta Engr. Mario A. Valenzona Ms. Erlinda S. Valenzona Ms. Carmela A. Yamada Ms. Violeta V. Yamon		
	25 years of service Mr. Antonio Y. Abayabay Dr. Jose L. Bacusmo Mr. Apolinario T. Bandalan Ms. Jocelyn T. Co Ms. Miriam M. De la Torre Dr. Ruth O. Escasinas Mr. Edilberto T. Gonzaga Ms. Edna L. Gonzales Dr. Jacqueline M. Guarte Mr. Eddie M. Israel Engr. Epifania G. Loreto Ms. Edralin M. Malasaga Ms. Cielo F. Señara Mr. Niceforo L. Suyom		



NAME OF AWARD	RECIPIENT	AGENCY/COMPETITION	DATE
	<p>Ms. Elsa M. Umpad Mr. Generoso L. Vequiso Ms. Rose Capulla</p> <p>20 years of service Ms. Maria Hazel I. Bellezas Mr. Mizael B. Cerna Ms. Cecile Joy Y. Duatin Mr. Ernesto A. Gonzaga, Jr. Dr. Rotacio S. Gravoso Mr. Perdo O. Lesidan Ms. Faye Aileen S. Mascariñas Prof. Analyn M. Mazo Prof. Allan A. Ramal Mr. Jose F. Saulan Mr. Basilio E. Tan, Jr. Dr. Alberto A. Taveros Mr. Jeremias S. Vestra</p> <p>15 years of service Mr. Salvador M. Catre, Jr. Prof. Senona A. Cesar Ms. Susan M. Enage Ms. Saloma B. Gisulga Mr. Randy G. Omega Mr. Nevin A. Pacada Ms. Glenda E. Racho Ms. Delia L. Silao</p> <p>10 years of service Ms. Connel D. Antipaso Engr. Jannet C. Bencure Dr. Lorena A Galvez Mr. Orlando V. Latras</p>		
Loyalty Award	Ms. Evelyn S. Masendo Mr. Crisogono T. Permito	VSU Alangalang	Sept. 6, 2013
Loyalty Award	<p>35 years of service Rojas Myrna</p> <p>30 years of service Amelia Deso-Asido</p> <p>25 years of service Jubelmar Buba Maria Cristina Buba Alberto Carillas Esperanza Sumalinog</p> <p>20 years of service Lodresa Ortiz</p> <p>15 years of service Jennefer Galler</p>	VSU Isabel	Sept. 27, 2013
Loyalty Award	Asst. Prof. Jose J. Ebales Asst. Prof. Delsa G. Mapait	VSU Villaba	Sept. 27, 2013

# PUBLICATIONS AUTHORED/ CO-AUTHORED BY FACULTY MEMBERS AND RESEARCHERS

AUTHOR	TITLE	WHERE PUBLISHED
Aban, M.L. and L.C. Bestil. 2013	<i>In situ</i> Ruminal Degradation of Foliage with Varying pH Levels from Selected Trees and Shrubs	Phil. Journal of Veterinary & Animal Sciences; ISSN 0155-2173; Vol. 39 (2):173-182
Acabal, A.D. 2013	Effective Dose (ED) and Quality Control Studies of the Crude Ethanolic Extract (CCE) Mixture of Makabuhay, Caimito and Makahiya (MCM) as Dewormer for Goats Against <i>Haemonchus contortus</i>	ASIAN J. Exp. Biol Sci. ISSN 0975-5845; Vol. 4 (1) 2013:28-35
Acedo, V.Z. and A.L. Acedo, Jr. 2013	Controlling Postharvest Physiological Deterioration and Surface Browning of Cassava ( <i>Manihot esculenta</i> Crantz) Roots with Hot Water Treatment	Acta Hort. 989:357-361
Acedo, V.Z. and A.L. Acedo, Jr. 2013	Controlling Postharvest Physiological Deterioration and Surface Browning of Cassava ( <i>Manihot esculenta</i> Crantz) Roots with Hot Water Treatment	Annals of Tropical Research ISSN:0116-0710; Vol. 35 (1)
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Acedo, V.Z., D.A.C. Varron, I.C. Emnace, R.D. Lauzon, A.L. Acedo, Jr. 2013	Antimicrobial Effects of Ascorbic Acid and Calcium Lactate in Freshcut Jackfruit ( <i>Artocarpus heterophyllus</i> Lam.)	Acta Horticulturae ISSN:05677572; ISBN:978-906605418-19; Vol. 989:199-208; International Society for Horticultural Science
Acedo, V.Z., D.A.C. Varron, I.C. Emnace, R.D. Lauzon, A.L. Acedo, Jr. 2013	Bioprotective Potential of Lactic Acid Bacterial in Freshcut Jackfruit ( <i>Artocarpus heterophyllus</i> Lam.)	Acta Horticulturae ISSN:05677572; ISBN:978-906605418-19; Vol. 989:209-217; International Society for Horticultural Science
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AUTHOR	TITLE	WHERE PUBLISHED
Baclayon, D.P. and C.L. Calibo	Effects of Chitosan Isolated From Crab Exoskeleton of Postharvest Stem-end Rot Disease and on The Quality of Mango Fruit	Annals of Tropical Research ISSN: 0116-0710; Vol. 35 (1)
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AUTHOR	TITLE	WHERE PUBLISHED
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Miro, C.B. and V.Z. Acedo. 2013	Development of Micropropagation Protocol Supporting Sustainable Production of Jackfruit ( <i>Artocarpus heterophyllus</i> Lam.)	Proceedings of the 2 <sup>nd</sup> South-east Asia Symposium on Quality Management in Postharvest Systems (SEAsia2013). 4-6 Dec. 2013. Vientiane, Laos.
Moreno, L.O., R.M. Gapasin, F.M.Y. Duatin, F.L. Ocon, A.A. Parac, J.G. Jacobe. 2013	National Abaca Germplasm Collection, Maintenance, Characterization and Utilization	The Phil. Journal of Crop Science; ISSN0115-463X; Vol. 38 (1) 99-100
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Parac, E.P. and R.M. Gapasin. 2013	Induction of Resistance to Abaca Wilt Disease Caused by <i>Fusarium oxysprum</i> F. sp Cubense (E. F. Smith) SNYD and HANS Using Elicitors	The Phil. Journal of Crop Science; ISSN: 0115-463X; Vol. 38 (1) 33-34



AUTHOR	TITLE	WHERE PUBLISHED
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Preciados, L.S., M.S.B. Bulayog, A. Notarte. 2013	Ex-ante Impact Assessment of the Adoption of IPM Strategies for Mango in Region XI of the Southern Philippines	Smallholder HOPES – Horticulture, People and Soil; ISSN: 1038-6920 (print) 1447-0837 (online); ACIAR Proceedings 139. Australian Centre for International Agricultural Research
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Quevedo, M.A. 2013	Shelf Life and Free Radical Scavenging Activity of Bitter Gourd ( <i>Momordica charantia</i> L.) Coated with Phytochemical extracts	Proceedings of the 2 <sup>nd</sup> Southeast Asia Symposium on Quality Management in Postharvest Systems (SEAsia2013). 4-6 December 2013. Ventiane, Laos
Quevedo, M.A. 2013	Effects of Grafting on Flowering, Fruiting and Fruit Quality of Water Melon ( <i>Citrullus lanatus</i> Thunb.)	Proceedings of the 2 <sup>nd</sup> Southeast Asia Symposium on Quality Management in Postharvest Systems (SEAsia2013). 4
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Settele J.I. Kühn, S. Klotz, G. Arida, E. Bergmeier, B. Burkhard, J.V. Bustamante, Dao Thanh Truong, M.M. Escalada, C. Görg, V. Grescho, Ho Van Chien, K.L. Heong, N. Hirneisen, S. Hotes, R. Jahn, T. Klotzbücher, G. Marion, L. Marquez, A. Marxen, R. Moritz, F. Müller, Nguyen Van Sinh, J. Ott, L. Penev, B. Rodriguez-Labajos, M. Schädler, S. Scheu, R. Seppelt, P. Stoev, T. Tschamtkke, V. Tekken, K. Thonicke, D. Vetterlein, S. Vidal, S. Villareal, W.W. Weisser, C. Westphal, and M. Wiemers. 2013	Cultural Landscape Research in Southeast-Asia - the LEGATO Project	Berichte. Geographie und Landeskunde 87(3): 315-323
Sta Iglesia, M.A. Quevedo and Z.C. Gonzaga. 2013.	Physico-chemical Changes in Tomato ( <i>Solanum lycopersicum</i> L.) Fruits as Influenced by Cultivation Systems and Modified Atmosphere Packaging	Annals of Tropical Research ISSN: 0116-0710; Vol. 35 (1)ATR 35 (1): 74-104
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AUTHOR	TITLE	WHERE PUBLISHED
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