



VISAYAS
STATE UNIVERSITY

ANNUAL REPORT

2016



VISION

The premier university of science and technology in the Visayas

MISSION

Provide excellent instruction, conduct relevant research and foster community engagement that produce highly competent graduates necessary for the development of the country.

FOREWORD

The Year 2016 had seen important developments in VSU's four-fold function in instruction, research, extension and production. Not only had we accumulated a fair share of institutional achievements, but also seen major changes that will soon bring a more vibrant VSU.

Worth noting is the recognition that VSU had received from the Commission on Higher Education (CHED) for being the Center of Excellence in Agriculture and Agricultural Engineering, and Center of Development in Development Communication. More than a decade-long of rainforestation research and development brought about a carbon dioxide emissions trading agreement with NatureLife International in Germany. This made



VSU as the first institution in the Visayas to engage in carbon dioxide compensation.

Years poured into the development of resource maps and flood models had finally paid off in a Maps Turnover Ceremony wherein five local government units in Leyte and Samar could finally use the maps for their development and disaster management plans. VSU is proud to be at the center of this essential milestone in the grand scheme of building a better and disaster-resilient Eastern Visayas.

We are also proud to report a significant change in the dynamics of the VSU workforce, a change that will create a more fertile research and academic field. Last year, an unprecedented increase of 125 faculty and staff members of the university were sent for graduate studies through the CHED scholarship program.

Indeed, 2016 made history. But, as it has been said, we are not makers of history; we are a product of it. At VSU, we recognize the fact that the great things we saw unfold the past year are results of the tremendous work the past leaders had made. This report is a celebration of that.

A handwritten signature in black ink, appearing to read 'Edgardo E. Tulin'.

EDGARDO E. TULIN

President

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HIGHLIGHTS

AWARDING CEREMONY CENTERS OF EXCELLENCE AND CENTERS OF DEVELOPMENT 17 MAY 2016





During the investiture of Dr. Edgardo E. Tulin as the 6th President of the Visayas State University (VSU) on January 27, 2016 at the VSU Gymnatorium with (L-R) Dr. Maria Cynthia Rose B. Bautista, CHED Commissioner and VSU Board of Regents' Chairman; Dr. Edgardo E. Tulin, Dr. Anabella B. Tulin (wife), and children EA Kristine Clarisse, Edelle and Edrian.

- The Visayas State University (VSU) received the awards of distinction as *Centers of Excellence (COE) in Agriculture and Agricultural Engineering programs* as well as the *Center of Development (COD) in Development Communication program* from the Commission on Higher Education (CHED) on May 17, 2016 at the CHED Auditorium in Quezon City as part of the celebration of the Higher Education Week and the 22nd CHED Founding Anniversary.
- **Dr. Edgardo E. Tulin**, the 6th President of the Visayas State University was formally conferred with the University President IV position by CHED Commissioner and VSU Board of Regents' Chairman, Dr. Maria Cynthia Rose B. Bautista, during the Investiture Ceremony on January 27, 2016 at the VSU Gymnatorium.
- The Visayas State University (VSU) received from the Civil Service Commission Region 8 (CSC-8) the *Level II Maturity Award in HR Systems (Performance Management System and Rewards and Recognition)* under the PRIME-HRM on February 1, 2016 during the PRIME-HRM Congress at La Villa Francisco Mountain Resort, Brgy. San Roque, Tacloban City.
- **One hundred twenty-five (125)** faculty and staff of the VSU System availed of the scholarships offered by the Commission on Higher Education (CHED) through its Graduate Education Scholarship in the K to 12 Transition Period starting the First Semester 2016-2017 in their respective Delivering Higher Education Institutions (DHEIs) based on the degree program that they were accepted.
- The VSU Reserve Officer's Training Corps Unit (ROTCU) was hailed as the *regional champion* in the *2016 Regional Annual Administrative and Tactical Inspection (RAATI) Team* for School Year 2015-2016 on February 2, 2016.
- The Visayas State University (VSU) entered into an agreement with *NatureLife-International* of Germany on March 2016 for emissions trading making the University the first in the Visayas to institutionalize carbon dioxide compensation.
- The **Phil-LiDAR VSU** launched the *VSU Webmap Server and Maps Turn-over Ceremony* on April 1, 2016 at the VSU Center for Continuing Education (CCE) and the beneficiaries of the maps were from the municipalities of Calubian, Kananga,

Barugo, Villaba, and Tabango of the Province of Leyte. Light Detection and Ranging (LiDAR) is an active remote sensing typically used in very accurate mapping of topography.

- VSU gave **Plaque of Recognition** to the **Department of Geodetic Engineering (DGE)** for obtaining 100% institutional passing percentage and producing the 1st, 4th, 7th, and 9th **placers** in the 2015 *Licensure Examination for Geodetic Engineers* and the **Department of Forest Science (DFS)** for producing the 1st **placer** in the 2015 *Licensure Examination for Foresters* with a cash award of P100,000.00 each, respectively, during the 63rd VSU Commencement Exercises on April 13, 2016 at the VSU Upper Campus Oval Grounds.
- VSU gave awards during the 92nd VSU Founding Anniversary Convocation Program on August 10, 2016 to the following institutions and individuals:

✓ **Sandigan Awards** were given to the following:

- a. **Prof. Dr. Reinhold Jahn** (of the University of Hohenheim) for his invaluable contributions to the Visayas State University since 1995 until his retirement in 2014. He initiated exchange of students between his faculty in Halle and VSU, mentored and served as host professor to some VSU academic staff and students who conducted short-and long-term researches in his institute; strongly supported the 13 editions of the international ecology seminar-workshops co-organized by VSU, University of Hohenheim and University of Halle-Wittenberg; conducted seminars and field works for graduate and undergraduate students of soil science and tropical ecology, and served as a member of the international editorial board of the *Annals of Tropical Research* in the last 15 years. The pioneering pedological-ecological researches

on the volcanic soils of Leyte that he and his VSU colleagues have conducted and their international publications particularly the *Guidelines for Soil Description* published in several languages by the FAO of the United Nations and which bears the name and seal of VSU that have brought international prestige to the university.

- b. **Erasmus Mundus Programme of the European Union** for its significant contribution to the efforts of VSU to develop its manpower resources and to expose its students to high quality education in the EU countries and enabled more than 40 faculty, staff and students to attend degree and non-degree trainings as well as postdoctoral studies in top universities in Belgium, Czech Republic, Croatia, Germany, Spain, Sweden, and Portugal. The Programme has also provided opportunity to several staff and students from some European universities to visit or enroll at VSU. Through the Programme, VSU has subsequently become EU's partner in the Cine-Europa, a yearly movie festival showcasing award-winning films in Europe. VSU's active involvement as a member of the EXPERTS and AREAS Erasmus Mundus 2 University Consortia has made VSU more visible globally and this visibility has gained VSU respect from other universities not only in Asia but also in Europe.

- ✓ **Outstanding Alumnus of the Year Award** was given to **Dr. Roel R. Suralta** for outstanding accomplishments in his chosen field of endeavors becoming a multi-awarded scientist of *PhilRice* whose exemplary research on rice roots has contributed to the attainment of better yield in drought-prone rainfed lowland conditions and has earned national, and international awards and distinctions, thus bringing honor and prestige to his Alma Mater and fellow Alumni.

- ✓ VSU faculty and staff who were awarded for their remarkable performance: **Dr. Arturo E. Pasa** - *Exemplary Researcher of the Year Award*; **Dr. Zenaida C. Gonzaga** - *Outstanding Teacher of the Year Award*; **Dr. Beatriz S. Belonias** - *Outstanding Unit Head of the Year Award*; **Mrs. Dalisay F. Andres** - *Best Administrative Support Staff*; **Mrs. Jennifer E. Ando** - *Model SRA of the Year Award*; **Mr. Jerry B. Posas** - *Model Utility Worker/Messenger of the Year Award*; **Mr. Fabian C. Alberio** - *Model Skilled Worker of the Year Award*; **Mr. Norjito B. Quimco** - *Model Driver of the Year Award*; and **Mr. Clemente R. Hondrada** - *Best Laborer of the Year Award*;
- ✓ **Mt. Pangasugan Award** was given to VSU retirees with leadership positions prior to retirement: **Prof. Algerico M. Mariscal** (*Director of PhilRootcrops*);
- ✓ **Service Awards** were given to the following VSU faculty and staff after retiring from service in the University: **Ms. Lilia P. Aletin** (40 years - Alangalang); **Ms. Marcelina C. Amihan**, (38 years); **Mrs. Regina M. Canono** (35 years); **Prof. Nelia J. De Veyra** (42 years - Alangalang); **Mr. Rustico O. Dumape** (32 years - Villaba); **Mr. Jose J. Ebales** (35 years - Villaba); **Mrs. Erlinda V. Impas** (33 years); **Mr. Audie M. Israel**, (35 years); **Mr. Norberto J. Maranguit** (40 years); **Tamar L. Mejia** (25 years); **Ethel B. Paune** (36 years - Alangalang); **Lucena L. Poliquit** (41 years); **Rosalina M. Redulla** (32 years); **Anacorita B. Sacris** (32 years - Tolosa); **Rodulfo M. Salas** (25 years - Villaba); **Esther G. Talisaysay** (34 years - Posthumous); and **Aurelia P. Viagedor** (39 years - Villaba).
- The Civil Service Commission Region 8 (CSC RO8) conferred to **Dr. Jose L. Bacusmo**, former VSU President, the **Presidential Lingkod Bayan Award**, for his extensive work towards research and development and extension programs and the **Dangal ng Bayan Award** to **Dr. Lourdes B. Cano**, Director of Administration of VSU, for her assistance to PASUC and conducted a series of handholding capability building activities in establishing Strategic Performance Management System (SPMS) to the Council of Personnel Officers in the Province of Leyte on September 6, 2016 during the CSC 2016 Regional Search for Outstanding Public Officials and Employees which was held at the VSU Tolosa Campus.
- **Dr. Jose L. Bacusmo**, former VSU President, was one of the recipients of the **Presidential Lingkod Bayan Award** for the 2016 Search for Outstanding Government Workers by the Civil Service Commission on December 19, 2016 at the Heroes Hall in Malacañan Palace, Manila. The award was conferred to Dr. Bacusmo by President Rodrigo R. Duterte, president of the Philippines.



Dr. Jose L. Bacusmo (middle) and wife Manuelita posed with the President of the Philippines President Rodrigo R. Duterte during the awarding of the Presidential Lingkod Bayan Award at the Heroes Hall in Malacañan Palace, Manila

INSTRUCTION



VSU adapted a new academic calendar starting School Year 2016-2017; the first semester started in August ended in the first week of December 2016; the second semester started in January 2017, and ended in May 2017.

Moreover, the University also started offering the **Senior High School** in June 2016 for School Year 2016-2017 under the College of Education. It offered the following: **Academic Track:** Accounting, Business, and Business Management (ABM); Humanities and Social Sciences (HumSS); and Science, Technology, Engineering and Mathematics (STEM); and **Technical-Vocational and Livelihood Track:** Crop and Animal Production (CAP) and Home Economics (HE).

CURRICULAR DEVELOPMENT

Graduate Program

- The proposals to offer Ph.D. in Agricultural Extension and the Master of Science in Development Communication, in lieu of the Master of Science and Master of Agricultural Development major in Development Communication programs to comply with CMO No. 26 series of 2011, were approved by the Graduate School Curriculum Committee (GSCC) and for review by the Graduate faculty.
- The proposals to offer Master of Science in Biology, Master of Science in Chemistry, and Master of Science in Forestry program during weekends in addition to the regular offering during weekdays and institute additional courses under the MS Forestry at the VSU Main Campus were already reviewed by the Graduate School Curriculum Committee and were being revised by the proponents based on the comments of the committee.
- Four (4) clusters of graduate degree programs of the VSU Main Campus were subjected to Level IV Phase 2 AACCUP Accreditation on March 16-18, 2016 and qualified in the evaluation, namely: (1) **Master of Science (MS) - Agriculture Cluster** (*Agronomy, Agricultural Economics, Animal Science, Horticulture, Soil Science, Plant Protection, Entomology, Plant Pathology and Weed Science*); (2) **Master of Science - Education Cluster** (*Agricultural Education, Agricultural Extension and Development Communication*); (3) **Master of Agricultural Development (MAgDev) - Agriculture Cluster** (*Agronomy, Animal Production, Entomology, Plant Pathology, Plant Protection, Agricultural Economics*); and (4) **MAgDev - Education Cluster** (*Agricultural Education, Agricultural Extension and Development Communication*).
- Seven (7) graduate degree programs of the VSU Main Campus, namely: *PhD in Agricultural Education, PhD in Animal Science, PhD in Entomology, PhD in Plant Pathology, PhD in Horticulture, MS in Development Sociology, and Master of Management* were subjected to Preliminary Survey Visit (PSV) by VSU local accreditors because VSU had been given authority by AACCUP to conduct the PSV involving its local accreditors to assess their readiness for the first survey visit by AACCUP accreditors.

Undergraduate Program

- Four (4) undergraduate degree programs of the VSU Main Campus were evaluated for Level IV Phase 2 by the Accrediting Agency of Chartered Colleges and Universities in the Philippines (AACCUP), Inc., on March 16-18, 2016, namely: *Bachelor of Science in Agribusiness (BSAB), Bachelor of Animal Science (BAS), Bachelor of Elementary Education (BEEd), and Bachelor of Secondary Education (BSEd)*.

- Eight (8) undergraduate programs of the VSU Main Campus were successfully evaluated for Level III Phase I by the AACUP Accreditation on October 17-22, 2016, namely: *BS in Biology (BS Bio)*, *BS in Food Technology (BSFT)*, *BS in Computer Science (BSCS)*, *BS in Development Communication (BSDC)*, *BS in Forestry (BSF)*, *BS in Agricultural Engineering (BSAE)*, *BS in Chemistry (BSChem)*, and *Doctor of Veterinary Medicine (DVM)*.
- The BS in Hotel, Restaurant and Tourism Management (BSHRTM) course of VSU Main will be split into two to conform with the new CMO of the Commission on Higher Education (CHED), namely: BS in Hospitality Management (BSHM) and BS in Tourism Management (BSTM).

ENROLMENT

During the 1st semester of school year 2016-2017, the VSU System had a total enrolment of 12,978 broken down as follows:

- The VSU Main Campus had a total enrolment of 6,525 which comprised 374 graduate students (17 PhD and 357 MS/MAGDev/MEd/MMgt) and 6,151 undergraduate students (Table 1).
 - ✓ The VSU Senior High School (VSUSHS) had a total of 248 students enrolled in the four (4) Strands offered by the University, namely: Science, Technology, Engineering, and Mathematics (STEM) Strand - 94; Humanities and Social Sciences (HUMSS) Strand - 55; Accountancy, Business and Management (ABM) Strand - 38; and the Technical-Vocational-Livelihood (TVL) Strand - 61, of which 21 took the Home Economics Track and 40 took the Animal and Crop Production Track.
 - ✓ The VSU Laboratory High School (VSULHS) had a total enrolment of 517 students.

- The external campuses had a total of 5,936 student enrolment during the 1st semester of SY 2016-2017: VSU Alangalang - 1,556 (1,229 undergraduate and 327 non-degree); VSU Isabel - 1,061 (914 undergraduate and 147 non-degree); VSU Tolosa - 2,503 (2 graduate and 2,501 undergraduate); and VSU Villaba - 816 undergraduate.

GRADUATES

The VSU Main Campus presented 1,054 graduates during the 63rd Collegiate Commencement Exercises, which comprised 54 graduates in the graduate programs (2 PhD, 36 MS, 1 MAGDev, 4 MM., and 11 M.Ed.); 974 in the undergraduate programs (136 BSHRTM, 147 BSAB, 104 BEEd, 136 BSEd, 78 BAS, 18 BSDC, 36 BSFT, 82 BSA, 10 BSN, 20 BSCS, 18 DVM, 6 BSEM, 7 BSS, 14 BSAE, 8 BSGE, 32 BSCE, 8 BSME, 3 BSBiotech, 19 BSEcon, 2 BSAC, 23 BSChem, 25 BSDE, 21 BSF, and 21 BSBio; 26 in the special programs (14 CAS and 12 DAPT) (Table 2).

Eighty-one (81) graduates from the VSU Main Campus obtained academic honors: 14 *Magna Cum Laude* and 67 *Cum Laude* while 55 from the external campuses: 2 *Magna Cum Laude*, 49 *Cum Laude* and 4 "With Honors" as follows: VSU Alangalang - 12 *Cum Laude* and 1 "With Honors"; VSU Isabel - 1 *Magna Cum Laude*, 12 *Cum Laude* and 3 "With Honors"; VSU Tolosa - 1 *Magna Cum Laude* and 24 *Cum Laude*; and VSU Villaba - 1 *Cum Laude*.

The VSU external campuses had the following number of graduates: **354** from *VSU Alangalang* (91 BEEd, 19 BSEd, 22 BSEM, 61 BAT, 161 DAT); **210** from *VSU Isabel* (8 BSIE, 12 BSIT, 66 BEEd, 28 BSEd, 37 BSAB, 5 BSME, 15 DACT, and 39 DTTE); **334** from *VSU Tolosa* (49 BSFi, 60 BEEd, 56 BSEd, and 169 BS Crim); and **158** from *VSU Villaba* (29 BSA, 72 BEEd, 47 BSEd, and 10 CAS).

A total of **120 junior high school completers** were promoted to senior high school during the 1st Promotional Exercises and Honors Program held on April 1, 2016 at the VSU Convention Center.

Table 1. VSU Main Campus student enrolment by degree, First Semester SY 2016-2017 and SY 2015-2016.

COURSE	1 st Sem 2016-2017	1 st Sem 2015-2016	Percent Increase/ Decrease
GRADUATE			
Doctor of Philosophy (Ph. D.)	17	14	21.83
Master of Science (MS)	199	134	48.51
Master of Agric Dev't (MAgDev)*	38	50	(24.00)
Master of Education (MEd)	60	40	50.0
Master of Management (MMgt)	58	45	28.89
Master of Land Admin & Mgt (MLAM)	2	4	(50.00)
Diploma in Land Admin & Mgt (DLAM)	0	2	0
Sub-total	374	289	29.41
UNDERGRADUATE			
Bachelor of Animal Science (BAS)	509	578	(11.94)
BS in Agriculture (BSA)	720	846	(14.89)
BS in Food Technology (BSFT)	126	185	(31.89)
BS in Development Communication (BSDC)	104	153	(32.03)
BS in Development Education (BSDE)	132	182	(27.47)
BS in Forestry (BSF)	115	143	(19.58)
BS Environmental Management (BSEM)	55	69	(20.29)
Doctor of Veterinary Medicine (DVM)	359	408	(12.01)
BS in Agricultural Engineering (BSAE)	123	195	(36.92)
BS in Geodetic Engineering (BSGE)	94	118	(20.34)
BS in Civil Engineering (BSCE)	433	516	(16.09)
BS in Mechanical Engineering (BSME)	193	246	(21.54)
BS in Computer Science (BSCS)	247	364	(32.14)
BS Meteorology (BSMet)	0	0	0
Bachelor of Elementary Education (BEEd)	181	311	(41.80)
Bachelor of Secondary Education (BSEd)	657	796	(17.46)
BS in Agribusiness (BSAB)	944	1,084	(12.92)
BS in Economics (BSEcon)	41	97	(57.73)
BS in Hotel, Restaurant & Tourism Mgt. (BSHRTM)	575	798	(27.94)
BS in Nursing (BSN)	62	98	(36.73)
BS in Agricultural Chemistry (BSAC)	10	13	(23.08)
BS in Chemistry (BSChem)	116	151	(23.18)
BS in Statistics (BSS)	32	45	(23.89)
BS in Biology (BSBio)	166	193	(13.99)
BS in Biotechnology (BSBiotech)	49	55	(10.91)
Bachelor of Arts (AB)	108	106	1.89
Sub-total	6,151	7,750	(20.63)
SENIOR HIGH SCHOOL	248	-	
SECONDARY	517	509	1.57
GRAND TOTAL	7,290	8,548	(14.72)

* Enrolment of Open University is included

Table 2. Number of graduates from the VSU-Main Campus, SY 2014-2015 & SY 2015-2016.

PROGRAMS	2015-2016	2014-2015
GRADUATE DEGREE		
Doctor of Philosophy (Ph.D.)	2	8
Master of Science (M.S.)	36	49
Master of Agric. Dev't. (MAGDev)	1	2
Master of Education (M. Ed.)	11	13
Master of Management (M. Mgt.)	4	2
Master of Land Admin. & Mgt. (MLAM)	0	1
Diploma in Land Admin. & Mgt. (DLAM)	0	0
Sub-total	54	75
UNDERGRADUATE DEGREE		
Bachelor of Animal Science (BAS)	78	85
BS in Agriculture (BSA)	82	75
BS in Development Communication (BSDC)	18	34
BS in Food Technology (BSFT)	36	46
BS in Development Education (BSDE)	25	29
BS in Forestry (BSF)	21	24
BS in Environmental Management (BSEM)	6	11
Doctor of Veterinary Medicine (DVM)	18	19
BS in Ag. Engineering (BSAE)	14	15
BS in Geodetic Engineering (BSGE)	8	14
BS in Civil Engineering (BSCE)	32	25
BS in Mechanical Engineering (BSME)	8	0
BS in Computer Science (BSCS)	20	56
BS in Meteorology (BSMet)	0	0
BS in Biology (BSBio)	21	30
BS in Biotechnology (BSBiotech)	3	10
BS in Statistics (BSS)	7	15
BS in Chemistry (BS Chem)	23	20
BS in Agricultural Chemistry (BSAC)	2	4
Bachelor of Elementary Education (BEEEd)	104	88
Bachelor of Secondary Education (BSEd)	136	103
BS in Agribusiness (BSAB)	147	182
BS in Economics (BS Econ)	19	17
BS in Hotel, Restaurant, and Tourism Management (BSHRTM)	136	155
BS in Nursing	10	13
Sub-total	974	1,070
SPECIAL PROGRAMS		
Certificate of Health Care Services (CHCS)	0	0
Certificate in Geodetic Technology (CGT)	0	0
Certificate of Agricultural Science (CAS)	14	24
Diploma in Animal Production Technology (DAPT)	12	25
Sub-total	26	49
TOTAL	1,054	1,194

PERFORMANCE OF STUDENTS

Professional Licensure Examinations

Two (2) Doctor of Veterinary Medicine (DVM) graduates, namely: **Delfin E. Cabardo, Jr.** and **Cyril A. Noya**, copped the 6th and 10th places, respectively in the *Veterinarian Professional Licensure Examination* held on August 23-25, 2016 (Table 3).

Mr. Antonio V. Lumpas, Jr., a Bachelor of Elementary Education (BEED) graduate of VSU Tolosa, copped the 6th place in the *Licensure Examination for Teachers* held on September 25, 2016.

Honors and Awards

Main Campus

During the 63rd Collegiate Commencement Exercises of the VSU Main Campus on April 13, 2016, **81** graduated with Latin honors (**14 Magna Cum Laude** and **67 Cum Laude**) (Table 4). Special awards, medals and cash

prizes, including the Civil Service Eligibility given by the Civil Service Commission, were granted to the following honor graduates:

- **Ea Kristine Clarisse B. Tulin**, BS in Chemistry (BSChem), **Magna Cum Laude** – *VSU Presidential Academic Award of Excellence with a cash award, Gov. Leopoldo Dominico L. Petilla Medal for Most Outstanding Student with cash awards from the Metrobank Foundation and another from the Philippine National Bank, College of Arts and Sciences Dean's Medal of Excellence, Phi Delta Outstanding Thesis in Pure Life Sciences with a cash award, and Mayor Carmen L. Cari Award of Excellence;*
- **Mari Neila P. Seco**, BS in Agriculture (BSA-Plant Protection), **Magna Cum Laude** – *Vice President for Instruction's Medal of Excellence, College of Agriculture and Food Science Award of Excellence, and Mayor Carmen L. Cari Award of Excellence;*

Table 3. Passing rate and number of topnotchers in professional licensure examinations in the VSU Main Campus.

Licensure Examination	Date of Examination	Top 10 Rank	Institutional Passing Percentage	National Passing Percentage
Agricultural Engineers	Aug. 16-17, 2016	6 th & 10 th place	66.67	39.52
Geodetic Engineers	Oct. 10-11, 2016		83.33	41.80
Civil Engineers	Nov. 12-13, 2016		96.43	45.90
	May 1-2, 2016		87.50	38.17
Mechanical Engineers	Sept. 28-29, 2016		83.33	69.57
Agriculturists	Oct. 19-21, 2016		30.89	43.15
Chemists	Oct. 4-5, 2016		44.00	54.00
Foresters	Sept. 13-14, 2016		68.42	46.20
Veterinarians	Aug. 23-25, 2016		56.67	42.91
Nurses	Nov. 26-27, 2016		100.0	47.73
Teachers				
Elementary	March 20, 2016		32.88	28.38
Secondary	March 20, 2016		51.28	35.43
Elementary	Sept. 25, 2016		41.33	30.18
Secondary	Sept. 25, 2016		50.78	33.78

Table 4. Number of graduates with honors by College & Course for SY 2015-2016.

DEGREE	Cum Laude	Magna Cum Laude	Summa Cum Laude	TOTAL
MAIN CAMPUS				
College of Agriculture & Food Science (CAFS)				
BS in Agriculture (BSA)	9	3	-	12
BS in Development Communication (BSDC)	3	2	-	5
BS in Food Technology (BSFT)	2	-	-	2
Bachelor in Animal Science (BAS)	-	1	-	1
BS in Development Education (BSDE)	1	1	-	2
Sub-total	15	7	-	22
College of Arts and Sciences (CAS)				
BS in Chemistry (BSChem)	4	2	-	6
BS in Biology (BSBio)	2	-	-	2
BS in Biotechnology (BSBiotech)	1	-	-	1
BS in Statistics (BSS)	1	-	-	1
Sub-total	8	2	-	10
College of Education (CE)				
Bachelor of Secondary Education (BSEd)	10	1	-	11
Bachelor of Elementary Education (BEEd)	18	2	-	20
Sub-total	28	3	-	31
College of Engineering (COE)				
BS in Civil Engineering (BSCE)	3	-	-	3
BS in Computer Science (BSCS)	1	-	-	1
Sub-total	4	-	-	4
College of Management & Economics (CME)				
BS in Hotel, Restaurant & Tourism Management (BSHRTM)	2	-	-	2
BS in Economics (BSEcon)	4	1	-	5
BS in Agribusiness (BSAB)	4	1	-	5
Sub-total	10	2	-	12
College of Forestry & Environmental Science				
BS in Forestry (BSF)	1	-	-	1
BS in Environmental Management (BSEM)	1	-	-	1
Sub-total	2	-	-	2
TOTAL	67	14	-	81

Table 4 - continued...

DEGREE	With Honors	Cum Laude	Magna Cum Laude	Suma Cum Laude	TOTAL
EXTERNAL CAMPUSES					
VSU ALANGALANG					
BS in Environmental Management (BSEM)	-	1	-	-	1
Bachelor of Secondary Education (BSEd)	-	3	-	-	3
Bachelor of Elementary Education (BEEd)	-	6	-	-	6
Bachelor of Agricultural Technology (BAT)	-	2	-	-	2
Diploma in Agricultural Technology (DAT)	1	-	-	-	1
Sub-total	1	12	-	-	13
VSU ISABEL					
BS in Mechanical Engineering (BSME)	-	2	-	-	2
BS in Industrial Engineering (BSIE)	-	2	-	-	2
Bachelor of Secondary Education (BSEd)	-	5	1	-	6
Bachelor of Elementary Education (BEEd)	-	3	-	-	3
Trade Technical Education (TTE-Auto)	2	-	-	-	2
Associate in Computer Technology (ACT)	1	-	-	-	1
Sub-total	3	12	1	-	16
VSU TOLOSA					
Bachelor of Fisheries (BSFi)	-	5	1	-	6
Bachelor of Secondary Education (BSEd)	-	5	-	-	5
Bachelor of Elementary Education (BEEd)	-	8	-	-	8
Bachelor of Science in Criminology (BSCrim)	-	6	-	-	6
Sub-total	-	24	1	-	25
VSU VILLABA					
Bachelor of Secondary Education (BSEd)	-	1	-	-	1
Sub-total	-	1	-	-	1
GRAND TOTAL	4	49	2	-	55

- **Steven P. Santos**, Bachelor of Secondary Education (BSEd-Filipino), **Magna Cum Laude** – *Vice President for Instruction's Medal of Excellence, College of Education Dean's Medal of Excellence, and Mayor Carmen L. Cari Award of Excellence;*
- **Ryan Dave C. Sugano**, BSChem, **Magna Cum Laude** – *Vice President for Research and Extension's Medal of Excellence,*

DOST Medal of Excellence in Science, and Mayor Carmen L. Cari Award of Excellence;

- **Jay Darryl L. Ermio**, BSA-Plant Protection, **Magna Cum Laude** – *Vice President for Research and Extension's Medal of Excellence, Negros Occidental Pagkaon Medal of Excellence plus a cash award, and Mayor Carmen L. Cari Award of Excellence;*

- **Donah Marie T. Olarte**, Bachelor of Elementary Education (BEEed-General Education), **Magna Cum Laude** – *Vice President for Administration and Finance' Medal of Excellence, College of Education Dean's Medal of Excellence, and Mayor Carmen L. Cari Award of Excellence;*
- **Marissa B. Barbosa**, BSA-Plant Breeding, **Magna Cum Laude** – *Vice President for Administration and Finance' Medal of Excellence, DA Biotech Medal of Excellence plus a cash award, and Mayor Carmen L. Cari Award of Excellence;*
- **Margil M. Angcajas**, BS in Economics (BSEcon), **Magna Cum Laude** – *Vice President for Planning, Resource Generation and External Affairs' Medal of Excellence, College of Management and Economics Dean's Medal of Excellence, Phi Delta Outstanding Thesis in Economics and Business with a cash award, and Mayor Carmen L. Cari Award of Excellence;*
- **Irish Jane N. Calungsod**, BS in Development Communication (BSDC-Development Journalism), **Magna Cum Laude** – *Vice President for Planning, Resource Generation and External Affairs' Medal of Excellence, College of Agriculture and Food Science Dean's Medal of Excellence, Dean of Students Medal of Excellence, and Mayor Carmen L. Cari Award of Excellence;*
- **Juvy Mae A. Manlangit**, BS in Agribusiness (BSAB), **Magna Cum Laude** – *College of Management and Economics Dean's Medal of Excellence, Former Senator Manny Villar Excellence Award, and Mayor Carmen L. Cari Award of Excellence;*
- **Mariane B. Ubay**, BSDC-Community Broadcasting, and **Nikki Rose C. Bartolini**, BEEed-General Education, both **Magna Cum Laude** – *Former Senator Manny Villar Excellence Award and Mayor Carmen L. Cari Award of Excellence;*
- **Cyrill John P. Godinez**, Bachelor of Animal Science (BAS), and **Jemboy M. Cadenas**, BS in Development Education (BSDE), both **Magna Cum Laude** – *College of Agriculture and Food Science Dean's Medal of Excellence, Former Senator Manny Villar Excellence Award, and Mayor Carmen L. Cari Award of Excellence;*
- **June Carlo B. Jualo**, BSChem, **Cum Laude** – *Senator Sonny Angara Academic Award and Mayor Carmen L. Cari Award of Excellence;*
- **Mary Jaica Maghanay**, BS in Food Technology (BSFT), **Cum Laude** – *College of Agriculture and Food Science Dean's Medal of Excellence, Senator Sonny Angara Academic Award, DOST Medal of Excellence in Science, and Mayor Carmen L. Cari Award of Excellence.*
- **Merry Joy Tutor**, BS in Biology (BSBio), **Cum Laude** – *College of Arts and Sciences Dean's Medal of Excellence, Senator Sonny Angara Academic Award, and Mayor Carmen L. Cari Award of Excellence;*
- **Dhea Maureen D. Millana**, BSDC, **Cum Laude** – *Senator Bam Aquino Bida Ang Mamamayan Award, Phi Delta Outstanding Thesis (Social Sciences) plus cash award, and Mayor Carmen L. Cari Award of Excellence;*
- **Johndy O. Bertos**, BSAB, and **Catherine G. Rota**, BEEed, both **Cum Laude** – *Senator Bam Aquino Bida Ang Mamamayan Award and Mayor Carmen L. Cari Award of Excellence;*
- **Caren V. Baguio**, BEEed; **May Clarence T. Sanico**, BEEed; **Marjorie M. Dimpas**, BEEed; **Jerwin M. Javier**, BEEed; **Marie Elma C. Fernandez**, (BEEed); and **Tracy Ellice S. Omapas**, BSEd; all **Cum Laude**

- *Senator Nancy Binay Award of Excellence and Mayor Carmen L. Cari Award of Excellence;*
- **Bernadeth P. Balonga**, BSFT, and **Mary Grace Z. Saldino**, BSChem, both **Cum Laude** – *Senator Nancy Binay Award of Excellence, DOST Medal of Excellence in Science, and Mayor Carmen L. Cari Award of Excellence;*
- **Ma. Aneli A. Auguis**, BS in Forestry (BSF), **Cum Laude** – *College of Forestry and Environmental Science Dean's Medal of Excellence, Senator Nancy Binay Award of Excellence, and Mayor Carmen L. Cari Award of Excellence;*
- **Danilo M. Alea, Jr.**, BS in Civil Engineering (BSCE), **Cum Laude** – *College of Engineering Dean's Medal of Excellence, Senator Nancy Binay Award of Excellence, and Mayor Carmen L. Cari Award of Excellence;*
- **Krystal Kristia Mae P. Gonzales**, BSBio; **Roxanne G. Juanir**, BSCE; **Aljun Piano**, BSEd; **Lorisa Joy B. Sacro**, BSAB; **Jonary R. Bentulan**, BSEd; **Jenilyn E. Samaco**, BSEd; and **Christopher A. Llonas**, BSEcon; all **Cum Laude** – *Senator Joseph Victor Ejercito Award of Excellence and Mayor Carmen L. Cari Award of Excellence;*
- **Mica G. Binongo**, BSA, **Cum Laude** – *Senator Joseph Victor Ejercito Award of Excellence, LEADS Agri-Ingat Pinoy Medal of Excellence, and Mayor Carmen L. Cari Award of Excellence;*
- **Rabigh F. Kangleon**, BSChem, **Cum Laude** – *Senator Joseph Victor Ejercito Award of Excellence, DOST Medal of Excellence in Science, and Mayor Carmen L. Cari Award of Excellence;*
- **Rey Gie D. Viernes**, BS in Computer Science (BSCS), **Cum Laude** – *College of Engineering Dean's Medal of Excellence, Senator Joseph Victor Ejercito Award of Excellence, and Mayor Carmen L. Cari Award of Excellence;*
- **Joramay L. Morales**, BSDC, and **Aileen Joy C. Briones**, BSEcon), both **Cum Laude** – *Senator Loren Legarda Award of Excellence and Mayor Carmen L. Cari Award of Excellence;*
- **Sheila Mae A. Parilla**, BEEd, and **Alanna Joyce C. Jimenez**, BSChem, both **Cum Laude** – *Senator Aquilino Pimentel Award of Excellence and Mayor Carmen L. Cari Award of Excellence;*
- **Donna C. Cuyno**, BS in Statistics (BSS), **Cum Laude** – *Senator Aquilino Pimentel Award of Excellence, College of Arts and Sciences Dean's Medal of Excellence, and Mayor Carmen L. Cari Award of Excellence;*
- **Vanessa F. Israel**, BSA; **Maria Connie A. Regino**, BEEd; **Rhea B. Dotollo**, BSEd; **Ana Antonette G. Gorme**, BEEd; **Febie T. Paglinawan**, BSA; **Irene P. Bestudio**, BEEd; **Chresterdel R. Derecho**, BSDC; **Angelica B. Sarad**, BEEd; **Merry Grace R. Cadungog**, BSA; **Rojean Ababat**, BSEd; **Altagracia R. Borigor**, BEEd; **Gwendolyn J. Madelo**, BSCE; **Janice A. Lazarte**, BEEd; **Angelie G. Escuadra**, BSEd; **Lorena Mae C. Ocares**, BSHRTM; **Kris Jasmin L. Doria**, BEEd; **Arthur A. Varron**, BSAB; **Jayson F. Lagapa**, BSDE; **Angelica Mae M. Latras**, BSEcon; **Cara L. Buar**, BSEd; **Lenibeth G. De Jesus**, BEEd; **Mark G. Lacaba**, BEEd; **Darreen Lovely A. Oponda**, BEEd; and **Mary Joy C. Ejoc**, BSAB; all **Cum Laude** – *An Waray Partylist Award of Excellence and Mayor Carmen L. Cari Award of Excellence;*
- **Samie Grace I. Cadeliña**, BS in Hotel, Restaurant and Tourism Management (BSHRTM), **Cum Laude** – *College of Management and Economics Dean's Medal of Excellence, An Waray Partylist Award of Excellence, and Mayor Carmen L. Cari Award of Excellence;*

- **Karen Krisna Miralyn M. Yap**, BS in Environmental Management (BSEM), **Cum Laude** – *College of Forestry and Environmental Science Dean's Medal of Excellence, An Waray Partylist Award of Excellence, and Mayor Carmen L. Cari Award of Excellence*;
- **Dalisay N. Castillo**, BS in Biotechnology (BSBiotech), **Cum Laude** – *College of Arts and Sciences Dean's Medal of Excellence, An Waray Partylist Award of Excellence, and Mayor Carmen L. Cari Award of Excellence*;
- **Jovie Mariel L. Degorio**, BSEd, **Cum Laude** – *An Waray Partylist Award of Excellence, DOST Medal of Excellence in Science, and Mayor Carmen L. Cari Award of Excellence*;
- **Carin M. Borja**, BSA, and **Kenneth Oraiz**, BSA, both **Cum Laude** – *LEADS Agri-Ingat Pinoy Medal of Excellence, An Waray Partylist Award of Excellence, and Mayor Carmen L. Cari Award of Excellence*.
- **Charlene G. Ocon**, BSA; **Jade P. Ga**, BSEcon; **Julios B. Gerosa**, BSEd; **Melvince R. Martinez**, BSA; **Carla C. Gallego**, BEEd; **Melanie G. Larona**, BSA; all **Cum Laude** – *Mayor Carmen L. Cari Award of Excellence*.

External Campuses

- **VSU Alangalang** produced **12 Cum Laude** and **1 "With Honors"** graduates during its 42nd Commencement Exercises on March 15, 2016 as follows:
 - ✓ **Carlo Avorque**, BS in Environmental Management (BSEM); **Ledeza A. Jordan**, Bachelor in Secondary Education (BSEd-Math); **Luche Ann D. Baldesco**, Bachelor in Elementary Education (BEEd); **Alyssa P. Trota** (BSEd-Math); **Lyka M. Abatias**, BEEd, **Richelle R. Adlawan** (BEEd); **Reggie B. Pallomina**, Bachelor in Agricultural Technology (BAT); **Judy Ann T. Susaya**, BSEd-Math; **Dioscora A. Estor**, BEEd; **John Paul Cyril D. Jordias**, BEEd; **Anna Rizza A. Josol**, BEEd; and **Efren P. Lingaolingao, Jr.**, BAT - all **Cum Laude**
 - ✓ **Janine L. Silverio**, Diploma in Agricultural Technology (DAT); **With Honors**
- **VSU Isabel** produced **1 Magna Cum Laude**, **12 Cum Laude** and **3 "With Honors"** during their 2016 Commencement Exercises held on April 16, 2016:
 - ✓ **Geralyn U. Ando**, BSEd-Mathematics, **Magna Cum Laude** – *Former Senator Manny Villar Academic Excellence Award, VSU Isabel Dean's Gold Medal of Excellence, DOST Excellence Award, and as one of the Outstanding Student Teachers*;
 - ✓ **Geizel G. Lamoste**, BSEd-Math; **Nuel N. Surigao**, BSEd-Math; **Ariel C. Adunay**, BS in Mechanical Engineering (BSME); **Francis P. Santana**, BSEd-Math; **Delmon A. Himaya**, BEEd; **Gemma S. Alcanar**, BEEd; **Allyssa T. Macion**, BSEd-Math; **Kimberly Y. Borinaga**, BS in Industrial Engineering (BSIE); **Maria Christiene A. Almoroto**, BSIE; **Ethel L. Gutierrez**, BSEd-MAPE; **Genel W. Mistula**, BEEd; and **Jenelito R. Borja**, BSME – all **Cum Laude**;
 - ✓ **Leo Jay D. Tero**, Trade Technical Education (TTE-Auto); **Danica Labasan**, Associate in Computer Technology (ACT); and **Rabbi G. Nuñez**, TTE-IE.
- **VSU Tolosa** produced **1 Magna Cum Laude** and **24 Cum Laude**, namely:
 - ✓ **Manilyn O. Llenares**, BS in Fisheries (BSFi); **Magna Cum Laude**
 - ✓ **Sharmae B. Caputilla**, BSEd-Math; **Rivy Jane C. Cadlum**, BSFi; **Mary**



(R-L) Mary Jane P. Pepe (2nd from right) and Christopher A. Llonces (3rd from right) won 1st and 2nd places, respectively in the Search for Outstanding Student Research during the Young Economists' International Conference held at DLSU in Manila. They were escorted by their advisers, Dr. Salome Bulayog (leftmost) and Prof. Rufina Capuno (rightmost)



The 2016 Leadership Awardee, Arnil Al G. Castañares (2nd from right) with VSU President Dr. Edgardo E. Tulin (rightmost), Prof. Manolo B. Loreto, USSO Dean (leftmost).

Ann B. Madeja, BSFi; **Jinalyn Adesas**, BSEd-Math; **Edralyn T. Matonog**, BEEd; **Carl Cae L. Macawili**, BSFi; **Chenie C. Tobio**, BS in Criminology (BSCrim); **Apple M. Durana**, BSEd-MAPEH; **Jeffrey R. Berecio**, BEEd; **Argie L. Padrigano**, BSFi; **Aiza E. Minalabag**, BSCrim; **Jireh May M. Lerios**, BSCrim; **Jerrah Mae M. Mercado**, BEEd; **Jeremiah P. Reason**, BSCrim; **Lovely Joy A. Suyom**, BEEd; **Angelica R. Regonios**, BEEd; **Sarah O. Cinco**, BSEd-MAPEH; **Rafael C. Addun, Jr.**, BSFi; **Albaen A. Rael**, BSCrim; **Rose Ann H. Tapa**, BEEd; **Ruchelle A. Agosto**, BSCrim; **Princess D. De Castro**, BEEd; **Reyann E. Venigas**, BEEd, and **Joda V. Advincula**, BSEd-MAPEH – all **Cum Laude**

- VSU Villaba produced only **1 Cum Laude** out of the 158 graduates during its Commencement Exercises held on April 16, 2016 – **Jason Meregildo**, a BSEd-Math graduate.

Graduates in both graduate and undergraduate levels received **Certificates of Recognition** from the *Phi Delta Honor Society of Science*

for winning in the **2016 Search for Phi Delta Outstanding Theses** in the different sciences: **Roxanne Pille** – M.S. in Entomology (*Graduate Thesis Category*), **Ma. Carisse M. Compendio** – BS in Biology (*Physical & Environmental Category*), **Dhea Maureen D. Millana** – BS in Development Communication (*Social Science Research Category*), **Ea Kristine Clarisse B. Tulin** – BS in Chemistry (*Pure Life Science Category*), and **Margil Angcajas** – BS in Economics (*Business and Economics Category*).

Students' Awards/Achievements

- Two senior BS in Economics students of VSU's Department of Economics (DOE), namely: **Mary Jane P. Pepe** and **Christopher A. Llonces**, won the **1st** and **2nd** places, respectively, in the *Search for Outstanding Student Research* during the Young Economists' International Conference on July 1-2, 2016 at the Br. Andrew Gonzalez 20th Floor Multipurpose Hall, De La Salle University (DLSU) in Manila. During the YEC Regional Round search for the Outstanding Student Research Paper held on February 5, 2016 at the

University of San Carlos, Cebu City, **Christopher A. Llonas** got the *1st place* while. **Mary Jane P. Pepe** got the *2nd place*.

- **Arnil Al G. Castañares** was the recipient of the *2016 Leadership Award* while **Melben P. Bundocan** received the *2016 Endeavor Award* during the *Annual Honors and Awards Convocation Program* on February 26, 2016 at the VSU Gymnatorium.
- The varsity athletes of VSU won a total of 99 medals during the *State Colleges and Universities Athletic Association (SCUAA) Meet* held on October 23-28, 2016 at the Naval State University (NSU) in Naval Biliran: **Arnis Men/Women** - 15 gold, 7 silver, 2 bronze; **Table Tennis Men/Women** - 1 gold (men), 2 silver (men), 2 bronze (women); **Taekwondo (Poomsae)** - 1 gold, 6 silver, 5 bronze; **Karatedo** - 2 gold, 2 silver; **Volleyball Women** - gold; **Track events** - 1 gold, 1 silver, 2 bronze; **Badminton Men/Women** - 5 gold (women), 5 silver (men); **Swimming Men** - 4 gold, 1 silver; **Swimming Women** - 3 gold, 3 silver, 2 bronze; **Chess Women** - 6 gold; **Softball** - bronze; and **Basketball Men** - silver.
- **Kenn Andre M. Acabal**, a senior BS Computer Science student, passed the Fundamental IT Engineer Examination given by PhilNits on April 23, 2016.
- Nine (9) selected students from the College of Agriculture and Food Science of the Main Campus in Baybay City went for their an eleven-month On-the Job Training in Agrostudies in Israel. They left for Israel in September 2016 and were expected to be back in August 2017. The three BS in Agriculture students were Ramon M. Salvador, Ruy Niñ L. Olo and Griez J. Apao; from the BS in Development Education were REx A. REnsoma, Feelrom D. Llanita and Archille C. Galapu; the other three students were Roy R. Baldovino, Jhapet M. Aniasco and Filmar B. Abanera of the Bachelor of Animal Science. One student of the Bachelor of Agricultural Technology from the External Campus was Dexter C. Relevo.

STUDENT WELFARE AND DEVELOPMENT

Student Admission

With the implementation of the K-12 program, the *Student Admission Unit* of the University Student Services Office (USSO) admitted 485 new students, comprised of 294 freshmen and 191 transferees. Instead, VSU opened a Senior High School (as a stop-gap measure) was administered by a Principal, who was directly supervised by the Dean of the College of Education. Two hundred forty-eight Grade 11 students were admitted. These students were distributed among the four strands: STEM, HUMSSS, ABM and TVL.

Scholarships/Financial Assistantships/Grants

VSU Main Campus - 102 or 27.27% of the graduate students during the 1st semester of SY 2016-2017 enjoyed scholarship from DOST-NSC - 62, CHED K+12 Program - 26, Institutional Scholarship - 4, and VSU Graduate Teaching Assistantship - 10.

A total of 1,576 or 25.62% of the undergraduate students of the Main Campus during the 1st Semester of SY 2016-2017 enjoyed scholarships/grants: 488 - VSU scholarships, 189

- VSU grants-in-aid, and 899 scholarships funded by other agencies (LGU Baybay - 289, CHED-Tulong-Dunong - 173, ESGP-PA - 154, DOST-SEI - 109, CHED-Merit - 51, *Pagkaon* - 21, ATI-4H - 20, LGU Asturias - 15, City Gov't. of Ormoc - 14, DA Biotech Program - 7, DOLE-OWWA OFWDSP - 5, IRRRI-LandBank Scholarship - 5, VAAI - 5, CPAP - 4, F.A. Bernardo FAP - 4, PBEd - 4, Tamayo Foundation - 3, LGU Dalaguete - 3, D.A. ACEF - 3, LAKPUE Drug, Inc. - 2, NECFI - 2, and 1 each from East-West Seed Company, Gov. Alfred Marañon Scholarship, LEADS Agri Scholarship, LGU Hilongos, San Isidro Labrador, and PASAR Foundation.

Moreover, 232 or 45.0% of high school students enjoyed VSU Scholarship: Full - 38, Partial - 157, and Honorific - 37 (Table 5).

External Campuses - 834 students or 53.60% of **VSU Alangalang** availed of scholarships and grants from different sponsors during the 1st Semester of SY 2016-2017 Academic Scholars - 4, CSSC Scholars - 2, CHED Full Merit Scholars - 8, CHED-TD (2nd District) - 5, CHED *Tulong Dunong* Scholars - 136, DOST - 2, *An Waray* Partylist - 25, Rolando T. Celebre - 12, ESGP-PA (4Ps) - 41, Iskolar ng Bayan - 14, DSWD (AICS) - 482, OFWDSP - 3, DA-ACEF - 43, Barangay Scholars - 22, Jaro LGU - 14, Alangalang LGU - 20, and Capoocan LGU - 1; **1,024** students of **VSU Tolosa** enjoyed scholarships from the following sponsors: VSU Staff Dependent Grant - 1, CSSC Officers' Grant - 3, Barangay Scholars - 13, Varsity Grant - 1, Iskolar ng Bayan - 7, NSTP-ROTC Grant - 3, CHED Full Merit - 17, CHED Half Merit - 3, CHED-Tulong Dunong Regular (6k/sem) - 3, CHED-Tulong Dunong (3k/sem) - 133, *An Waray* Party List - 30, Manila Caritas - 34, DSWD Financial Assistance - 560, DSWD-ESGP-PA - 47, BFAR-FCEG - 33, BFAR Industry Leaders - 4, DA-ACEF Scholarship - 4, Edward & Eva Underwood Charitable Foundation - 3, Cong. Yedda Marie K. Romualdez College Education Scholar - 100, Cong. Henry Ong - 11, LGU Tolosa - 5, SOS - 4, Church of Jesus Christ of Latter-Day Saints - 2, and 1 each from Skalar Han La Paz, OWWA, GSIS Educational Loan, SSS Educational Loan, Perpetual Education Fund Loan; and **309**

students of **VSU Villaba** availed of the following scholarships/grants: Academic Grant A - 2, Academic Grant B - 11, Staff Dependent - 1, ESGP-PA (4Ps) - 51, Barangay Officials Dependent Grant - 5, Band Member - 25, ROTC Grant - 20, CSSC Officers Grant - 4 *An Waray* Party List - 33, CHED Half Merit - 2, CHED TD01 - 28, CHED-CSSGPCD - 28, TACOS-4, DA-ACEF - 23 (Table 6).

During the year, an average of 74 students in the Main Campus were hired as student assistants from January to December 2016. Moreover, only one (1) student-borrowers availed of the ViSCASELF loan, while 29 student borrowers availed of the SAFE loan window available for students' financial need. Furthermore, eight (8) insurance claims of students were processed by the University Student Services Office (USSO) for the concerned student claimants.

Guidance and Counseling

The activities conducted during the year included: individual counseling to 660 walk-in clients and 160 walk-in clients in group sessions, and individual counseling to 222 referred clients; organized the programs for the three-day USSO Awareness Days; designed and printed information brochures/flyers on topics such as: *How to Enjoy College in VSU*, *Test Taking Strategies*, *Most Important Personality Development Tips*, *If It's Unwanted, It's Harassment*, *Keep Calm and Quit Drugs*, *Advise for College Freshmen*, *Tips for Excellent Memory*, *Managing Stress in College*, *Tips for Memorizing*, *Eat Less Crap*; *Eat More Food*, *Life's Inspirational Messages*.

It also assisted in the administration of psychological test to 1,604 examinees from the VSU Main Campus and VSU Alangalang and interpreted the results of the said test.

The guidance activities conducted were as follows: *Wellness through Expressive Arts (Mandala Activity)*, *M.A.R.K. (Making A Remarkable Knowledge) Program*, *A.B.L.E. (A Beautiful Learning Experience) Program*,

Table 5. Number of students (graduate and undergraduate) in the VSU Main Campus enjoying scholarships, assistantships and grants for the First Semester of SY 2015-2016 and SY 2016-2017.

Program	Scholarship/Grant	SY 2016-2017	SY 2015-2016
A. Graduate			
1. VSU Funded	VSU Teaching/Research Assistantship	10	9
2. Non-VSU Funded	Dept. of Science & Technology (DOST)	62	56
	CHED K+12 Program	26	0
	Institutional Scholarship	4	0
Total		102	65
B. Undergraduate			
1. VSU- Funded	Entrance Full	0	4
	Entrance Partial	0	11
	Honorific	0	45
	College	215	240
	University	30	50
	Academic A	243	298
	Academic B	0	1
	BSAE-FAP	7	25
	BSF-FAP	25	46
	CA Financial Assistantship	57	90
	CAC-Chorale	12	13
	CAC-Dance Troupe	0	12
	CAC-Rondalla	0	1
	Income Grant	18	50
	NSTP-ROTC Grant	8	13
	Staff Dependent Grant	8	19
	SB/SK Grant	5	33
	Varsity Grant	42	45
	USSC/CSSC Officers' Grant	7	7
Sub-total		677	1,003
2. Non-VSU Funded	ATI-4H	20	20
	City Gov't/Gov't of Oromoc	14	27
	CHED-Merit	51	45
	CHED-Tulong-Dunong	173	285
	CPAP	4	4
	D.A. ACEF	3	5
	DA-Biotech Program	7	5
	DOLE-OWWA-OFWDSP	5	5
	DOST-SEI	109	127
	East-West Seed Company	1	1
	ESG-PA	154	161
	FA Bernardo FAP	4	5
	Gov. Alfred Maramba Scholarship	1	2
	IPI Foundation Scholarship	0	2
	IRRI-LANDBANK Scholarship	5	5
	LAKPUE Drug, Inc.	2	0
	LEADS Agri Scholarship	1	2
	LEYECO	0	1
	LGU Asturias	15	28
	LGU Baybay	289	345
	LGU Camotes	0	1
	LGU Dalaguete	3	3
	LGU Hilongos	1	1
	LGU Javier	0	23
	NECFI	2	0
	Pagkaon Scholarship	21	31
	PASAR Foundation	1	0
	PBE	4	0
	San Isidro Labrador	1	1
	Tamayo Foundation	3	4
	VAAI	5	1
	VISCCO	0	1
Sub-total		899	1,145
TOTAL		1,678	2,213

Table 6. Number of undergraduate scholars in the VSU External Campuses for the 1st Semester of SY 2015-2016 and SY 2016-2017.

TYPE OF SCHOLARSHIP	SY 2016-2017	SY 2015-2016
1. VSU Alangalang		
• Academic Scholars	4	6
• Barangay Scholars	22	40
• CSSC Scholars	2	3
• Alangalang LGU	20	8
• Capoocan LGU	1	-
• Jaro LGU	14	24
• San Miguel LGU	0	1
• CHED Full Merit	8	3
• CHED Congressional	0	60
• CHED Tulong Dunong	136	131
• CHED-TD (2 nd District)	5	-
• An Waray Party List	25	8
• Iskolar ng Bayan	14	-
• DOST	2	1
• DSWD (AICS)	482	294
• Mayor Rolando T. Celebre (RTC)	12	20
• ESGP-PA (4P's)	41	37
• DA-ACEF	43	-
• OFWDSP	3	2
Total	834	638
2. VSU Isabel		
• Honoric	-	2
• University	-	5
• College	-	46
• CSSC Officers Grant	-	2
• Varsity Grant	-	-
• CA Financial Assistance	-	11
• Sangguniang Kabataan/Sangguniang Barangay	-	10
• An Waray Partylist	-	50
• KHDP	-	-
• 4 P's (ESGP-PA)	-	3
• Congressional (4 th District) Scholarship	-	-
• VSU-IC Alumni Association	-	1
• CSSGPCD	-	40
• PASAR Foundation	-	6
• DOST-SEI	-	2
• Iskolar ng Bayan	-	9
• PEMC	-	2
Total	-	189

TYPE OF SCHOLARSHIP	SY 2016-2017	SY 2015-2016
3. VSU Tolosa		
• VSU Staff Dependent Grant	1	-
• CSSC Officers' Grant	3	3
• Barangay Scholars	13	26
• Varsity Grant	1	2
• Iskolar ng Bayan	7	16
• NSTP-ROTC Grant	3	3
• CHED Full Merit	17	21
• CHED Half Merit	3	-
• CHED-Tulong Dunong Regular (6K/sem)	3	3
• CHED-Tulong Dunong (3K/sem)	133	213
• An Waray	30	31
• Manila Caritas SLP	34	-
• Skalar Han La Paz	1	1
• OWWA	1	3
• DA-ACEF Scholarship	4	1
• Majority Floor Leader	-	4
• Study-Now-Pay-Later	-	1
• Edward & Eva Underwood Charitable Foundation	3	5
• BFAR-FCEG	33	59
• BFAR-Industry Leaders	4	-
• DSWD Financial Assistance	560	99
• DSWD-SGP-PA	-	17
• DSWD-ESGP-PA	47	37
• NCCP	-	1
• DIADEM	-	7
• Akbayan	-	5
• Cong. Yedda Marie K. Romualdez College Educ. Scholar	100	-
• Congressman Henry Ong	11	-
• GSIS Educational Loan	1	-
• SSS Educational Loan	1	-
• Perpetual Education Fund Loan	1	-
• SOS	4	-
• LGU Tolosa	5	-
• Church of Jesus Christ of Latter-Day Saints	2	-
Total	1,024	558
4. VSU Villaba		
• Honorific	-	2
• Academic Grant A	2	8
• Academic Grant B	11	24
• ESGP-PA (4 Ps)	51	30
• Barangay Official Dependents Grant	5	13
• Band Member	25	15
• ROTC	20	17
• CSSC Officers	4	5
• An Waray Party List	33	59
• CHED (TD01=28; TDO2=72; CSSGPCD=28; Half Merit=2)	130	44
• KUL	-	2
• IPI	-	1
• Staff Dependent	1	-
• TACOS	4	-
• DA-ACEF	23	-
Total	309	220

E.V.E.R. (Equal Values, Equal Rights) Program, P.E.E.R.S. (Pre-departure, Emotional and Ethical Readiness Session), Character Enhancement, R.I.A.S.E.C. (Realistic, Investigative, Artistic, Social, Entrepreneur, Conventional) Career Pathing Seminar, Personality Development and Social Graces Seminar/Workshop, USSO Weekly Wellness Activities.

Community extension activities were done by serving as volunteer counselor, life coach, debriefer, speaker and facilitator on the following programs: *Pathways to Senior High - College and Beyond; Debriefing and Team-Building; Family Counselor and Life Coach on different and on-going scheduled sessions in Ormoc City; Crisis Counselor; and Counseling for low risk surrenderees of Pres. Duterte's Anti-drug campaign through DUWA (Deliverance and Uplift in the Wonders of the Arts).*

Career Development and Placement

In order to help the students in the development of their careers and assist the graduates in finding jobs, the following activities were conducted, in coordination with the other units of the University and other agencies or private entity: Employment Guide Program for 2nd Year Students on *Appreciating Skills* held during the USSO Guidance Awareness Services Days; Job-Seeking Seminars; and Jobs' Fair with 11 local companies and four (4) overseas companies joining.

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 an average total occupancy of 1,778 students. During the year, it accommodated a total of 1,623 students (25.0%) of the total student population during the 1st semester of SY 2016-2017 (August to December) and 1,760 students (24.0%) during the 2nd semester (January to March) of SY 2015-2016.

Aside from the regular student-residents in the dormitories and cottages, transients were also accommodated in the dormitories during school break periods. A total of 110 transient-residents were accommodated in dormitories which included the Focolare participants, coaches of IHK, reviewees from the University Review Center.

Year-round major and minor repairs and maintenance work of the different student dormitories were carried out through the student housing unit of USSO.

Student Organizations and Activities

The *Student Organization and Activities Unit* of USSO, facilitated the recognition of 74 campus organizations, namely: Course-Related Organizations - 31, Greek-Lettered Organizations - 9, Interest Organizations - 11, Regional Organizations - 3, Religious Organizations - 11, and Supreme Student Councils and Student Body - 9. It also coordinated 411 activities of these student organizations which included community outreach, educational, socio-cultural, recreational, organizational development, and fund raising. Moreover, it coordinated the following developmental activities: Environmental Week Celebration, Entrepreneurship and Business Proposal Making Seminar-Workshop, HIV Awareness and Sexual Harassment Forum, Anti-Illegal Drug Forum, Oath-Taking Ceremony of Campus Advisers, Sports Strength and Conditioning, Seminar on Minutes Preparation and Making Financial Report, Interfrat Coastal Clean-Up at VSU Beach, Financial Management Seminar, Organization Summit, Seminar Workshop on Group Facilitation, University-Wide Leadership Seminar, Revision of the Student Handbook-Operation and Establishment of Student Organizations, hosting of the 7th National Animal Science Quiz Show which was participated by six (6) state colleges and universities, Seminar on Organic Agriculture, Tutorial Week with Math Majors and Junior Philippine Institute of Mechanical Engineers.

It facilitated the conduct of the 2016 Honors and Awards Convocation that was held on February

26, 2016 and the following student organizations received awards:

➤ **Course-Related Organization of the Year Award**

- ✓ **VSU Statistical Society (VSU-SS)** - 1st place
- ✓ **Society of Agribusiness Students (SABS)** - 2nd place
- ✓ **Chemical Society (ChemSo)** - 3rd place

➤ **Service Organization of the Year Award**

- ✓ **Alpha Phi Omega** - 1st place
- ✓ **Tau Omega Mu & Ladies Circle** - 2nd place
- ✓ **Zeta Beta Rho Honor Fraternity - Mussaenda Honor Sorority** - 3rd place

➤ **Interest Organization of the Year**

- ✓ **DogClub (DOC)** - 1st place

FACULTY

Award/Achievements

- **Mr. Mark C. Ratilla**, a faculty member of the Department of Business Management (DBM), received the **2016 Dean's Prize for Best Thesis** for his Master of Science in Business Management degree from the Faculty of Economics and Administration of Masaryk University in Czech Republic on July 14, 2016.

Faculty Strength

Three hundred fourteen (314) faculty members of the VSU Main Campus (91 PhD, 150 MS/MA, and 73 BS) carried out their instruction, research, extension, and production activities. Forty-five (45) were detailed in research centers (22 PhD, 19 MS/MA/MEd, and 4 BS) and the rest were in the academic departments.

A total of 123 faculty members of the external campuses supported their various programs: VSU Alangalang - 26 (4 PhD, 9 MS, 13 BS); VSU Isabel - 37 (1 PhD, 13 MS, 25 BS); VSU Tolosa - 33 (3 PhD, 19 MS, 11 BS); and VSU Villaba - 27 (3 PhD, 16 MS, 8 BS).

Scholarships

Eighty-two (82) faculty members of the VSU Main Campus pursued advanced studies in different fields of specialization: 47 for PhD/DED and 35 for MS/Med degrees, with scholarship

grants from EXPERTS, German Exchange Service, Belgium, Coco Boards, Department of Science and Technology (DOST), Commission on Higher Education (CHED) K+12, and VSU Fellowship/Graduate Assistantship. The big increase on the number of faculty availing the scholarship for advanced studies was due to the K+12 scholarship program of CHED. One faculty was on secondment during the year.

Seventeen (17) faculty members from the external campuses pursued advanced studies: 3 from VSU Alangalang (1 for PhD and 2 for MS degrees), 6 from VSU Tolosa (2 for PhD and 4 for MS degree) and 8 from VSU Villaba (7 for PhD and 1 for MS degrees). Their scholarship grants were from DOST-Accelerated Science and Technology Human Resource Development Program National Science Consortium (DOST-ASTHRDP-NSC), CHED K+12, and VSU Fellowship (Table 7).

Returning Faculty from Graduate Studies

Doctoral Program:

- **Dr. Lilian B. Nuñez** - Ph.D. in Anthropology
- **Dr. Eusebio Lina** - Ph.D. in Mathematics

Masteral Program:

- **Ms. May Ann S. Estoy** - MS in Statistics
- **Mr. Mark C. Ratilla** - MS in Management

Table 7. Number of faculty on study leave/post-doctorate of the VSU System for CY 2016

Dept.	No. of faculty	Degree Pursued		Funding Agency	Place of Study	Field of Specialization
		MS	Ph.D./Ed.D			
VSU Main Campus						
DTE	3	-	3	VSU Fellowship	USC & CNU, Cebu City	Lang. Teaching; Educ Mgt; Science Educ.
VLHS	5	2	3	VSU Fellowship, DOST, CHED	Iloilo City, Cebu City, Manila	Soc. Sci; Math; Econ; English; Computer Sci.
IHK	7	7	-	CHED	LNU	Physical Educ.
DoE	1	-	1	CHED	ADMU	Economics
DCHM	2	1	1	VSU Fellowship/ CHED	Cebu City, Manila	Tourism Mgt; Int'l. Hospitality
DBM	6	5	1	CHED, VSU, EXPERTS	UPLB, USC, VSU, Masaryk, Ateneo de Davao,	Agrib. Mgt; Business Mgt; Business Admin; Business Mgt
DLABS	12	-	12	VSU Fellowship & CHED	ADMU, UP Diliman, USC, USJR, CNU	Eng; Lang & Lit.; Educ; Soc. Sci; English; Filipino; Anthropology
DoPAC	3	2	1	VSU Fellowship & CHED	USC, Cebu City	Chemistry
DBS	3	-	3	CHED, DOST	UPLB; UPLB	Envtl. MicroBio; Plt. Physio; Biology Trade/Marine Bio
DMP	4	-	4	DOST; CHED	USC; PNU	Physics; M. Ed.
DoStat	1	1		DOST	UP Diliman	Statistics
DAE	1	1	-	Belgium	Belgium	Soil & Water
DGE	4	3	1	DOST; VSU; GermanExchange Service	Germany; UP Diliman; AIT Thailand	Photogrammetry, Geo. Eng'ng; Remote Sensing
DME	2	2	-	CHED		RME; REE
DCE	3	3	-	CHED; DOST	UP Diliman	Struct'l Eng'ng; Trans Eng'ng; Architecture
DOM	1	1	-	VSU-CHED	UP Diliman	Meteorology
DCST	2	1	1	DOST, CHED	UPLB, QC TIP	Computer Sci.; Info Tech

Dept.	No. of faculty	Degree Pursued		Funding Agency	Place of Study	Field of Specialization
		MS	Ph.D./Ed.D			
DoA	1	-	1	VSU	CMU Bukidnon	Agronomy
DSS	1	-	1	EXPERTS	Germany	Soil Science
DAS	1	-	1	CHED	UPLB	Animal Science
DFST	4	1	3	DOST	UPLB	Food Science
DDC	2	1	1	CHED	UPLB	Dev Com
DOH	2	-	2	DOST; CHED	UPLB	Tissue Culture; Landscape
DFS	1	-	1	CHED-VSU	UPLB	Forest Health
ITEEM	3	2	1	CHED; Coco Boards	MSU Iligan; VSU; UPLB	Res. Mgt; Trop Ecolo; Forest Botany
CON	4	2	2	VSU Fellowship; CHED	Silliman; SPUP; UP	Nursing
NARC	2	-	2	VSU Fellowship; DOST	UPLB	Plant Path; Horticulture
NCRC	1	-	1	VSU	UPLB	Food Science
TOTAL	82	35	47			

DAS	1	Secondment	PCC	As Director of PCC @ VSU
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External Campuses

VSU Alangalang	3	2	1	VSU Fellowship	VSU Main; USC Cebu City	Res. & Evaluation; Math
VSU Tolosa	6	4	2	VSU Fellowship; CHED	DLSU; LNU; USC; Iloilo	Math, Criminology; Chemistry; Filipino;
VSU Villaba	8	1	7	DOST-AST; VSU Fellowship; CHED	UPLB, CLSU, USC, MSU, VSU Main	Soil Sci; An Sci; Crop Sci; Math; Lang. Studies
TOTAL	17	7	10			

Table 8. Trainings/seminars/workshops attended by faculty in 2016.

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 & Food Science								
DAS	2	2	3	7	5	11	15	30
DA	1	1	8	12	6	6	21	25
DSS	2	4	2	2	3	4	7	13
DDC	4	4	14	29	8	16	17	34
DOH	4	5	5	8	4	6	26	29
DPM	1	1	27	31	8	8	17	20
DFST	2	7	1	1	-	-	4	5
DAEE	-	-	-	-	-	-	16	23
College of Arts & Sciences								
DBS	2	2	5	7	6	6	12	41
DLABS	-	-	5	15	1	6	0	0
DoPAC	8	23	21	29	2	7	14	21
DMP	3	9	10	21	1	3	5	11
DoStat	2	2	2	2	2	2	3	9
College of Education								
DTE	-	-	3	5	3	6	4	16
IHK	-	-	2	2	3	6	5	16
VSU Senior High School	-	-	1	1	2	35	1	1
VSULHS	-	-	-	-	1	1	3	17
College of Engineering								
DAE	2	3	4	9	1	1	10	34
DCE	-	-	1	1	1	2	8	32
DGE	1	1	2	2	3	5	3	9
DME	-	-	1	2	-	-	7	10
DCST	-	-	3	13	2	10	1	6
College of Management & Economics								
DBM	-	-	4	4	1	1	16	18
DCHM	-	-	3	8	2	2	4	7
DOE	13	13	8	8	9	9	10	34
ISRDS	3	3	9	10	7	16	2	13
College of Forestry & Environmental Science								
DFS	3	3	4	4	4	4	13	20
ITEEM	9	17	6	11	3	11	8	17
College of Vet. Medicine								
College of Nursing								
	3	3	1	1	8	10	5	5
Sub-total	65	103	155	245	96	194	257	516
Research Centers/Office								
NARC	1	1	6	24	2	33	17	179
NCRC	-	-	-	-	1	20	-	-
PhilRootcrops	-	-	-	-	-	-	-	-
Sub-total	1	1	6	24	2	53	17	179
External Campus								
Alangalang Campus	3	3	14	19	11	11	9	108
Isabel Campus	-	-	-	-	-	-	-	-
Tolosa Campus	4	5	16	17	19	28	28	59
Villaba Campus	3	3	5	8	2	8	12	51
Sub-total	10	11	35	44	32	47	49	218
GRAND TOTAL	76	114	190	289	129	261	306	734

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 1,635 academic staff of the VSU System attended 726 trainings/seminars/conferences which included 76 international, 196 national, 131 regional, and 323 local trainings (Table 8).

LIBRARY SERVICES

The VSU Library launched the VSU Library's National Commission for Culture and the Arts (NCAA) project grant of Filipiniana library materials at the VSU Library Lounge on February 12, 2016.

Acquisitions & Donations

The University Library continued to acquire additional learning materials and references through purchase, donations or exchange. During the year, it received two (2) copies each of *The World Book Encyclopedia* and *Cardiopulmonary Rehabilitation: Basic Theory and Application* (3rd edition).

During the year, it acquired through purchase 445 volumes of books or 388 titles of books and donation of 241 titles of books. The number of library holdings both print and non-print was 72,501 volumes.

A new database Follett Destiny Library Manager (DLM) was installed at the University Library and about 1,500 titles had been encoded and barcoded in this new database during the year.

The libraries of the external campuses also acquired books and non-book materials through purchase, donations, and exchange during the year: **VSU Alangalang**: 265 volumes of books/ 180 titles, 10 journals/periodicals; **VSU Tolosa**: 212 books and non-book materials; and **VSU Villaba**: 140 books.

VSU Tolosa received one (1) *unit Digital fisheries Library* from the International Association of Aquatic and Marine Science Libraries and Information Centers (IAMSLIC) on June 27, 2016. The digital library contained more than 20,000 PDFs/documents for free

download and can be accessed using laptops, tablets, mobile devices with wireless capabilities and some available contents include: open access articles/publications through the Aquatic Commons, OceanDocs, FAME Digital Library, and SEAFDEC Aquaculture Department Institutional Repository.

ALUMNI

- The VSU Alumni Association (VSUAA), Inc., through **Batches 1992 and 1976**, sponsored the **VSU Grand Alumni Homecoming 2016** on May 20-21, 2016 which centered on the theme: "*Reminiscing the Past, Building Memories, Forging Ahead*". The gathering had 323 officially registered alumni. The hosts of the next alumni homecoming in 2017 will be Batches 1977 and 1993.



Some of the alumni who attended the 2016 Alumni homecoming.

- The new members of the VSU Alumni Association Inc., (VSUAAI) Board of Directors include **Mr. Diogracias E. Pernitez** (BSAgEd '69), **Dr. Jose L. Bacusmo** (BSA '78), **Dr. Nelen P. Lambert** (BSAH '79), **Dr. Oscar B. Posas** (BSAgEd '71), and **Dr. Elvira C. Torres** (BSAB '80).

- During the 2016 VSU Alumni Homecoming, the VSUAAI gave Plaques of Recognition to six (6) outstanding VSU alumni who had exemplary track record in leading various institutions:

✓ **International Organization Category** – **Dr. Dindo M. Campilan**, 1985 BS in Agricultural Development Education (BSADE) Major in Development Communication graduate, who led in several international organizations before he became the current Regional Director for Aisa of the Centro Internacional de Agricultura Tropical (CIAT), a Colombian-based non-profit research and development organization dedicated to reducing poverty while protecting natural resources. Dr. Campilan leads its regional research portfolio covering cassava value-chains, forage-livestock systems, and agriculture systems and landscapes.

✓ **Agriculture-Based Enterprise Category** – **Mr. Claudio C. Donal**, 1977 BS in Agronomy (BSA) major in Agronomy graduate, has provided job opportunities to a hundred people as Chief Executive (CEO) of the Green Horizon Agri-Product (GHAP) and provided housing for his employees as well as scholarships and educational plans for their children. He also organized the Manuel Guianga Multipurpose Cooperative, a CDA-registered group of banana growers in Brgy. Manuel Guianga, Tugbok District, Davao City.

✓ **Line Agency Category** – **Dr. Isabelo R. Montejo**, 1982 BS in Forestry

(BSF) graduate, under his administration as Regional Director of the Department of Environment and Natural Resources (DENR) in Region VII, the region became the nationwide lead in the implementation of the National Greening Program and the Community-Based Forest and Mangrove Project and under his leadership, the Buhisan Watershed in Cebu was restored and is now protected.

✓ **Line Agency Category** – **Engr. Ramon R. Barbosa**, 1983 BS in Agricultural Engineering (BSAE) graduate, the current Regional Manager of the Philippine Coconut Authority (PCA) in Caraga Region, ushered the region to become the leader in coir fiber industry in the country and he was recognized by the Department of Agriculture (DA) in 2013 for his efforts in promoting, improving, and sustaining the coir fiber processing in the country through his mobile decorticating machine design. As a coconut farm owner, he helped provide income to farming households from his coconut-falcata plantation.

✓ **Academic Institution Category** – **Dr. Editha L. Magallanes**, 1974 BS in Agricultural Education (BSAgEd) graduate, has served as Vice President for Administration and Finance, Vice President for Academic Affairs, and Director of the Farmers Training Center (FTC) before she became the President of Capiz State University (CSU) from 2008 to date. She was actively involved in forging linkages with international institutions, research in many high-value commodities and extension projects. Owing to her commendable accomplishments, Dr. Magallanes was given the *Dangal ng Bayan Award* by the Civil Service Commission in 2012, the *Asia Education Award* during the World Education Congress in Singapore and the *Best Researcher Award*.

- ✓ **Academic Institution Category – Dr. Jose L. Bacusmo**, 1978 BSA graduate and former VSU President, was commended for his accomplishments in research and administration. Under his leadership, VSU was regarded as a “big brother”, a model for other academic institutions in terms of running an agriculture, forestry, and natural resources consortium. Moreover, VSU became the only member of the Department of Science and Technology-Science Consortium (DOST-SC) in the Visayas, and the only pioneering institution with an Agri-Technology Business Incubator in Region VIII. He received the *Pantas Outstanding Research Administrator Award* from the Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD).

- **Dr. Lolito Bestil** (BAS ‘76) and **Mrs. Karen Ladao-Suringa** (BAS ‘76) were crowned as **2016 VSU Alumni King and Queen**, together with their court.
- The Alumni and Community Relations Office (ACRO) sponsored the **Fun Run 2016** on August 6, 2016, as one of the activities of the 92nd VSU Founding Anniversary with



Two of the five (5) placers of the 2015 PRC Licensure Examinations, namely: For. Marjorie D. Elbiña- 1st placer of the Forestry Board Exam (2nd from left) and Engr. Rex R. Doñoiz- 1st placer of the Geodetic Engineering Board Exam (3rd from left) attended the 63rd VSU Commencement Exercises and received their awards from VSU. Together in the photo are Dr. Edgardo E. Tulin, VSU President (leftmost), Engr. Florentino F. Morales, head of the Department of Geodetic Engineering (2nd from right), and Dr. Arturo E. Pasa, dean of the College of Forestry and Environmental Science (rightmost)

1,211 registrants. The winners of the three categories were: Category A for faculty, staff, alumni, and friends (*Men's Division*) - **Leonardo E. Lacostales** - 1st place, **Ronald Vios** - 2nd place and **Gregorio Daga, Jr.** - 3rd place; Category B for students both high school and college (*Men's Division*) - **Ocier John Orland** - 1st place, **Eirynne Gollodo** - 2nd place and **Francisco Elan, Jr.** - 3rd place; (*Women's Division*) - **Rodith Ollave** - 1st place, **Josette Molina** - 2nd place, and **Jayca Lou Jaca** - 3rd place; Category C for children with ages 12 years old and below (*Boys' Division*) - **Klyde Lucas Mirafior** - 1st place, **Johannsen Gapasin** - 2nd place and **Keen Aaron Arenano** - 3rd place and (*Girl's Division*) - **Abegail Porter** - 1st place, **Lala Maru Sucayre** - 2nd place, and **Alyssa Jane Porter** - 3rd place. Special awards were also given to the following fun run participants: **Ms. Sheila Lemos** - *first to register*; **Mr. Jeffrey Lloyd Cagande** - *Most Enthusiastic Participant*; **Frits Jam Vayle Murillo** - *youngest runner*; **Prof. Nenito B. Sales** - *oldest runner*; **Ms. Merry Joy Gennaccaro** - *sexiest runner*; **Relevo Family**, **Cagande Family** and **Aure Family** - *Most Participated Family*.

Alumni Achievements/Awards

- Four (4) VSU alumni were given awards and recognition by the Department of Science and Technology through the National Academy of Science and Technology (DOST-NAST) in different occasions, namely: **Dr. Ian A. Navarrete**, a 2002 BS in Agriculture (BSA), major in Soil Science graduate of the then Leyte State University (LSU and now VSU), a Doctor of Science in Soil Science who is now connected with the Ateneo de Manila University (ADMU), was among the **2016 Outstanding Young Scientists** for his outstanding research in the field of soil science while **Dr. Rolly G. Fuentes**, a 2002 BS in Agricultural Chemistry (BSAgChem), Magna Cum Laude graduate, of the then LSU and now VSU, a Ph.D. in Pharmaceutical Sciences and a professor at



Dr. Ricardo F. Orge, an alumnus was awarded as the Most Outstanding Agricultural Engineer during the 2016 International Ag. Engineering Conference, MMSU, Ilocos Norte.

the University of the Philippines Visayas-Tacloban College, was the **Third Prize winner** in the **2016 NAST Talent Search for Young Scientists** and the awards were given during the 38th NAST Annual Scientific Meeting held on July 13-14, 2016 at the Manila Hotel in Ermita, Manila while the award of **Dr. Junie B. Billiones**, a 1990 BS in Agricultural Chemistry (Magna Cum Laude) graduate, and is currently a University Scientist I and Professor 2 at the Department of Physical Sciences and Mathematics, College of Arts and Sciences, University of the Philippines Manila and **Dr. Roel R. Suralta**, a 1994 BS in Agriculture (BSA) major in Agricultural Botany, (Cum Laude) graduate of the then Visayas State College of Agriculture (ViSCA) and now VSU, a Supervising Science Research Specialist and Scientist I at the Philippine Rice Research Institute in the City of Muñoz,

Nueva Ecija received the **2016 DOST-NAST Outstanding Research and Development Award for Basic Research or the Eduardo A. Quisumbing Medal** during the celebration of the 2016 National Science and Technology Week on July 25, 2016 at the FNRI Auditorium, FNRI Building, DOST Complex, Bicutan, Taguig City.

- **Dr. Ricardo F. Orge**, a 1982 BS in Agricultural Engineering (BSAE) graduate of the then ViSCA, received the **2016 Most Outstanding Agricultural Engineer Award** from the Philippine Society of Agricultural Engineers (PSAE) during the 2016 National Convention at the Mariano Marcos State University (MMSU) at Batac City, Ilocos Norte on April 24-30, 2016.
- **Mr. Mark C. Ratilla**, a 2013 BS in Agribusiness (Magna Cum Laude) graduate of VSU, received the **2016 Dean's Prize for Best Thesis** for his Master of Science in Business Management degree at the Faculty of Economics and Administration at Masaryk University in Czech Republic on July 14, 2016.
- The following VSU alumni who were placers in the 2015 PRC Licensure Examinations received medals and cash awards from the University and some benefactors during the 63rd Collegiate Commencement Exercises on April 13, 2016: **Award of Excellence for Geodetic Engineer - Engr. Rex R. Doñoz - 1st place**, medal plus P 50,000; **Engr. Romer S. Bongbonga - 4th place**, **Engr. Mark Russell G. Guatno - 7th place** and **Engr. Kim Ralph D. Rosal - 9th place**, medal plus P20,000 each; and the **Award of Excellence for Forester to For. Marjorie D. Elbiña - 1st place**, medal plus P 50,000.00.

RESEARCH & DEVELOPMENT



The University implemented 177 researches during the year, of which 59 were completed, 90 were ongoing, 20 were new, and 8 short-term studies were implemented and complemented within the year (Fig. 1 and Table 9).

An aggregate money of P109,088,064.55 was received for R&D activities in 2016; 71.24% was generated from national and local government agencies; 8.74% from foreign agencies and 20.02% came from the GAA budget of the university (Fig. 2 and Table 10).

MATURE TECHNOLOGY

- Pasture development in flat and sloping lands, and designing rotational grazing systems achieving balance in dry matter supply (from pasture) and demand (by animal population)
- Fortified Licky UMMB (*Urea Molasses Mineral Block*) for Small Ruminants.
- Probiotic Flavored Milk.
- Cocowater-based Nutritional Drench for Small Ruminants.
- *Trichanthera*-based FJS Pellets for Small Ruminants.
- Swine fattening and broiler production with acid whey supplementation.
- Rainforestation Technology
- High quality seedling production and mother tree selection
- Solar Tunnel Dryer for drying marine products

GERMPLASM COLLECTION

The following college and research centers of the VSU Main Campus continued to enrich their germplasm collections as source of their planting materials: **CFES** - 30 species of Dipterocarp germplasm constituting 630 seedlings; **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 10 new abaca accessions from Palawan - 7 and 3 from Leyte. A total of 245 active abaca accessions were planted and conserved at *ex situ* - 70 accessions and *in vitro* - 175 accessions; **NCRC** - 44 accessions (27 tall and 17 dwarf coconut accessions).

RESEARCH HIGHLIGHTS

Varietal Improvement

Conservation of Coconut Genetic Resources from Typhoon-Damaged Areas in Eastern Visayas for the Development of a Typhoon Tolerant Coconut Variety. Typhoon survivor coconut palms that were still productive were identified in 14 towns of Northern Leyte, namely: Abuyog, Barugo, Burauen, Capoocan, Carigara, Dagami, Dulag, Javier, Jaro, LaPaz, MacArthur, Mayorga, Tanauan, and Tolosa in addition to those identified in 2015 from the towns of Alangalang,

Palo, and Sta. Fe. Morphological data were also gathered from the palms.

Eighty-nine (89) seednuts were collected from Alangalang, Dulag, Palo, Sta. Fe and Tolosa during the first half of 2016. The seednuts were set in a germination beds and a high germination rate of 89.89% was recorded indicating that the palms have fully recovered from typhoon stress. Another 56 seednuts were collected from Dulag, Tolosa and Palo and were then set in seedbeds for germination.

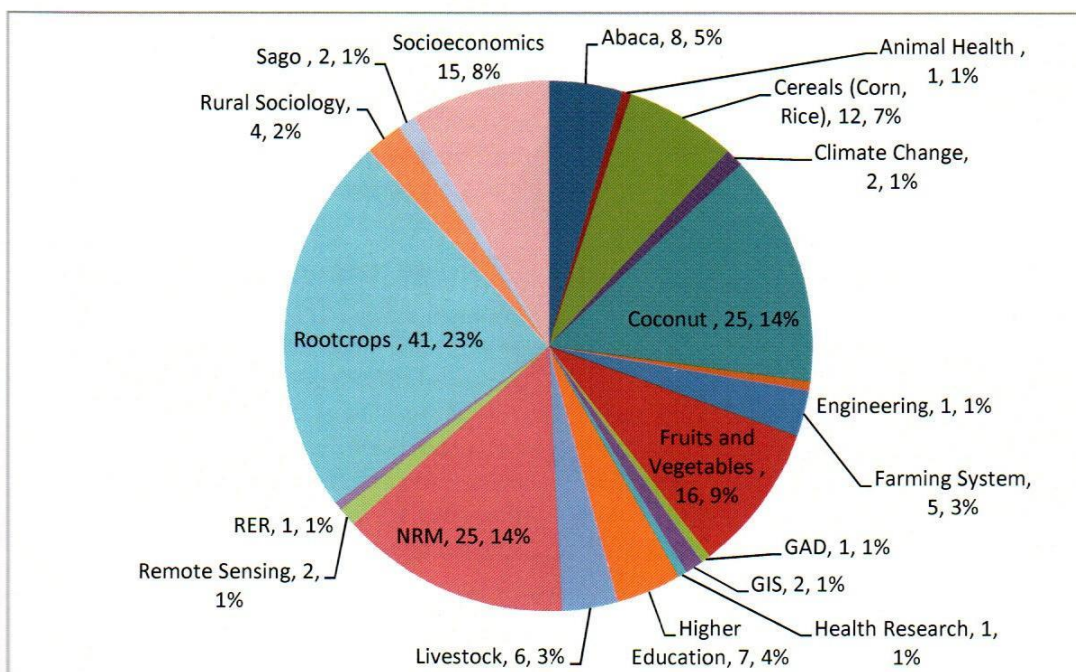


Fig. 1. Number of researches by commodity/discipline conducted in 2016

Table 9. Number of projects/studies by commodity/discipline conducted in 2016.

Commodity/Discipline	Ongoing	Completed	New*	Short Term**	Total
Abaca	3	4	1	-	8
Animal Health	-	1	-	-	1
Cereals (Corn, Rice)	9	3	-	-	12
Climate Change	1	1	-	-	2
Coconut	16	7	2	-	25
Engineering	1	-	-	-	1
Farming System	1	4	-	-	5
Fruits and Vegetables	8	6	2	-	16
GAD	1	-	-	-	1
GIS	-	2	-	-	2
Health Research	-	1	-	-	1
Higher Education	3	1	1	2	7
Livestock	-	5	1	-	6
NRM	16	5	2	2	25
Remote Sensing	2	-	-	-	2
RER	1	-	-	-	1
Rootcrops	24	10	6	1	41
Rural Sociology	-	4	-	-	4
Sago	1	-	1	-	2
Socioeconomics	3	5	4	3	15
TOTAL	90	59	20	8	177

* Projects started in 2016

** Short term projects implemented & completed within the year, 2016

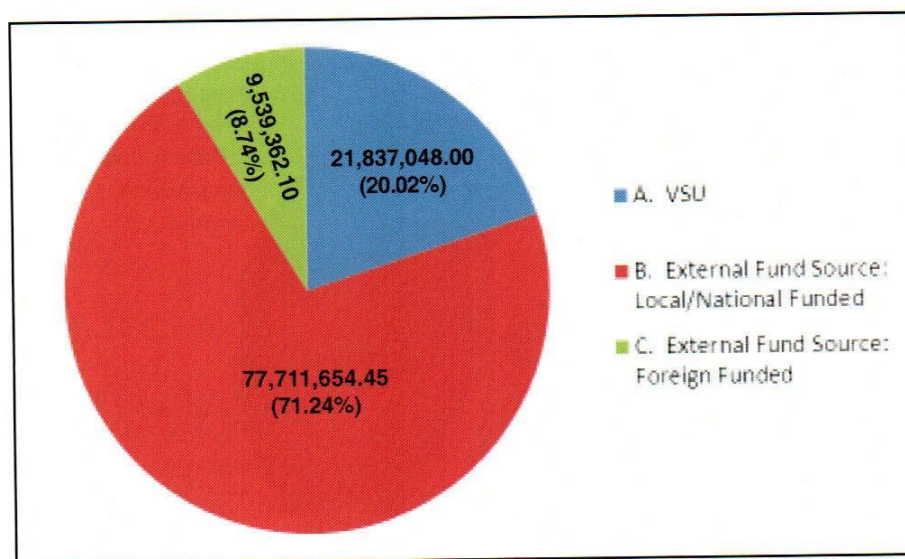


Fig. 2. R&D Budget for CY 2016

Table 10. R&D budget for CY 2016.

FUNDING AGENCY	AMOUNT (P)	Percentage (%)
A. VSU	21,837,048.00	20.02
B. External Fund Source: Local/National Funded	77,711,654.45	71.24
C. External Fund Source: Foreign Funded	9,539,362.10	8.74
GRAND TOTAL	109,088,064.55	100%

Forty-seven (47) seedlings were planted in the field in the later part of the year wherein collections from different towns were randomly planted.

Characterization of Local and Introduced Coconut Cultivars/Hybrids. Coconut accessions in the NCRC germplasm were characterized and documented as to their growth, flowering, yield, nut and nut component, meat thickness and fat content analysis. Growth characteristics of the newly planted coconut accessions were also monitored.

Variability on the growth, flowering, yield and nut component characteristics of the newly-bearing coconut accessions was observed. Trunk

height varied due to age and genotype of the palm.

Dwarf coconut accessions were observed to have the longest spathe opening interval (22-24 days) than the tall coconut accessions (20-22 days) during the period of observations. However, buttoncount per inflorescence was observed highest in Sogod dwarf (SOD) and Albura dwarf (ALD). Wide range of variability was observed in intraspadix overlapping of male and female phases in newly bearing coconut accessions which ranges from 0% to 50%.

Among the newly-bearing coconut accessions, Oongoten Tall (OTN) was observed to have the biggest nut and highest copra yield per nut of

more than 300g during the period of observation. However, Buenavista Dwarf (BNVA) was observed to have the highest copra yield per nut of about 232.5g which is comparable to the copra yield of the other tall coconut accessions. Fruit quality value of the newly-bearing coconut accessions (tall and dwarf) ranged from 0.36 to 0.47.

From the old coconut accessions, Catigan Dwarf (CAT) and Spicata tall (SPCA) were identified to have the thickest meat (12.8mm and 12.2mm, respectively). While, among the newly-bearing coconut accessions Buenavista Dwarf (BNVA) and Clarin Dwarf (CRN) were observed to have the thickest meat during the period of observation, which could be a good material for coco crisp production and other dried coco meat production.

Percent oil content of tall coconut accessions ranged from 45.4% to 67.6% with Conalum Tall (CIT) had the highest oil content. Among the dwarf accessions Pilipog was observed to have the highest oil content of about 66.5%. These coconut accessions with high oil content could be a good source material for virgin coconut oil production.

Characterization and Chemical Composition of Abaca Fibers in the Germplasm Collection.

Eight (8) abaca accessions namely: NARC-M13, NARC-M47, NARC-M66, NARC-M78, NARC-M94, NARC-M633, NARC-M236, NARC-M1XC were evaluated to determine the different fiber characteristics. The fiber length of these accessions ranged from 141.00 cm to 295.30 cm with an average of 211.00 cm. Dried fiber weight varies from 63.47 to 297.49g with an average dried fiber weight of 170.96g. Among those evaluated, only NARC-M13 had a fiber recovery of less than 1% while the other seven (7) abaca accessions had fiber recovery of 1% and above.

Fiber samples were submitted to SPMI for pulp and viscosity analysis while some fibers were prepared and made ready for tensile strength analysis.

Screening of abaca cultivars/lines and hybrids for resistance to bunchy-top disease.

In the abaca field of Polahongon, Mahaplag,

Leyte seven (7) accessions remained uninfected with abaca bunchy-top virus (ABTV), namely: NARC-M226 (Pacol x Abaca Hybrid #1), NARC-M329 (Inosa #18), NARC-M242 (Tetraploid #1 (3), NARC-M094 (Mag-ino #1), NARC-M638 (VH #37), NARC-M477 (Laguio #28), and NARC-M212 (Cainti #2).

In the screening area of VSU, 15 accessions were planted and four of these showed ABTV infection: NARC-M53, NARC-M67, NARC-M94 and NARC-M826. Moreover, at the new abaca germplasm area of NARC located at the Pomology of the Department of Horticulture, 16 accessions were found susceptible to the abaca bunchy top disease, namely: M840 (Inosa), M841, M67, M78 (Suglin #1), M236 (Semelia), M90 (wild #3), M850 (wild #108), M154 (Inosa Itom #4), M252 (Tanglaw Maguindanao), M1 (Tongongon #1), M66, M651, M29 (Layahon #1), M633 (Cana Sam), M67 (Lonhan) and M63 (Lagunhon #3). Likewise, only two accessions survived out of the 24 accessions planted in Lake Danao, Ormoc, Leyte.

Crop Improvement

Production of Tissue Culture-Derived Planting Materials of Queen Pineapple Through Multiple Shoot Induction from Selected Donor Plants. Five (5) experiments were set up using different culture media and three (3) explant forms, namely: whole shoot tips and decapitated shoot tips for the first three (3) experiments, and longitudinally split shoot tips for the 4th and 5th experiments. Explant forms seemed to have considerable influence on multiple shoot induction. Decapitated shoot tips produced multiple shoots than the whole shoot tip explants in MS (1962) media with 3g/L and 5g/L benzylaminopurine (BAP) in the first three experiments and the number of secondary shoots ranged from two to four per explant. In the fourth experiment with explants split into two and cultured in a new medium formulation, more secondary shoots were initiated per explant and the secondary shoots had a more uniform growth compared to the first batches.

Plantlets produced *in vitro* were potted and high survival rate (100%) was recorded and production of more shoots was observed in a number of *ex-vitro* potted plants.

Mass Propagation of Plumule-Derived Plantlets of Tall and Dwarf Coconut Varieties Through Coconut Somatic Embryogenesis Technology for Region VI, VII and VIII. A total of 12,454 coconut plumules, consisting of 6,676 PCA Baybay Tall (PCA BAYT), 2,406 San Isidro Dwarf (SNID), 1,671 Malayan Red Dwarf x Tagnanan Tall hybrid (MRD x TACT), 11 Tacunan Dwarf (TACD) x TAGT, 1,348 VSU BAYT (VBAY) and 342 VTACD, were cultured for calloid initiation.

Calloid development was observed among cultured plumules of CSET 8-16 except in SNID of CSET9 which had very high contamination rate of 74.1% at one week after inoculation. BAYT of CSET9 also had high contamination rate at 62.5% one week after inoculation, however, calloids were formed in clean cultures. The rate of calloid formation, which was accounted on the 4th month after initiation based on the number of clean cultures one week after inoculation, ranged from 1% (BAYT-CSET13) to 41.7% (BAYT-CSET8). The total number of calloids produced from CSET8 to CSET16 was 1,134 with BAYT often producing more calloids than SNID.

Calloid initiation rates among batches of plumules from VSU ranged from 11.1% to 50.0%. Among batches of VBAYT, calloid initiation rates ranged from 22.5% (V5) to 44.3% (V6). From V3 to V8, a total of 227 calloids were produced.

Developing calloids were subcultured in suitable media for multiplication and somatic embryo development. Somatic embryos were obtained from some cultures and subcultured in medium with lower concentrations of plant growth regulators to initiate germination.

Forty-eight (48) BAYT somatic embryos (43 from PCA and 5 from VSU) germinated and maintained in medium with the lowest concentration of plant growth regulators.

Cultural Management

Influence of Nitrogen on the Growth and postharvest Quality of Sweet Pepper (*Capsicum annuum* L.). The study was conducted at Farmville Experimental Station located at the Visayas State University to evaluate the effects of the different nitrogen levels on the growth, yield and postharvest qualities of two genotypes of sweet pepper. The experiment was laid-out in a split plot randomized complete block design (RCBD) with four replications, wherein seven (7) levels of nitrogen treatments T1 (zero), T2 (50 kg/ha), T3 (100 kg/ha), T4 (150 kg/ha), T5 (200kg/ha), T6 (250 kg/ha), and T7 (300 kg/ha) were randomized in main plots while two genotypes of sweet pepper (Emperor and Sultan) were randomized in the subplots.

The results showed that Sultan genotype produced higher yield than Emperor Genotype under Visca agro-climatic condition. The application of 100 kg N/ha (T3) showed the highest yield in both genotypes which were significantly different from the control (T1). Sultan exhibited higher values in number of marketable fruits, plant height, and marketable yield. Emperor has a higher ascorbic acid and electrical conductivity values than Sultan genotype. This means that Emperor contains higher amount of electrolytes with better storability for a longer period of time than Sultan. However, there was no significant difference in oxidation-reduction potential between genotypes. Oxidation-reduction potential and ascorbic acid content were enhanced by the application of NPK which declined beyond 250 kg N/ha. On the other hand, there was no significant difference in electrical conductivity for all treatments. Results showed that application of 100 kg N/ha is cost-effective and worth recommending for optimum sweet pepper production.

Yield and Postharvest Qualities of Two Genotypes of Eggplant (*Solanum melongena* L.) Applied with different Levels of Chicken Dung. The study was conducted to evaluate the effects of the different levels of chicken dung

on the yield, and postharvest qualities of two genotypes of eggplant. The pot experiment was laid-out in a split plot randomized complete block design with chicken dung levels as the main plot and eggplant genotypes (Casino & Morena) as subplot. The levels of chicken dung were divided as T1 (zero), T2 (200 g/plant), T3 (400 g/plant), T4 (600 g/plant), T5 (800 g/plant), T6 (1.0 kg/plant, and T7 (2.0 kg/plant).

Casino genotype produced higher yield than Morena genotype under Visca agro-climatic condition. The application of 400 grams of chicken dung per plant (T3) showed the highest yield in both genotypes which were significantly different from the control (T1), T2, T6, and T7. This simply means that a cost-effective application of chicken dung at 5 tons per hectare is worth recommending for optimum eggplant production.

Casino has a higher oxidation-reduction potential and ascorbic acid values but with lower electrical conductivity than Morena hybrid. This means that Morena contains higher amount of electrolytes with better storability for a longer period of time but with lesser vitamin C content than the Casino genotypes. Ascorbic acid content and electrical conductivity were enhanced by the application of chicken dung which declined beyond 800 grams per plant or at an application of 10 tons per hectare particularly with Casino hybrid for ascorbic acid and Morena hybrid for electrical conductivity. All these results would indicate the importance of organic fertilizer application to attain highest yield with best postharvest qualities of eggplant.

Pest Management

Performance of Pechay and Lettuce as Affected by Wood Vinegar and Serenade Treatments under Protective and Open Field Cultivation. Pechay grown under protective structure were taller, larger and has higher mean weight per plant than those grown in the open field regardless of wood vinegar and Serenade treatments. Serenade and wood vinegar had no significant effect on the plant height, leaf length and width of pechay but it produced significantly heavier plants.

Likewise, lettuce plants grown inside a protective structure were heavier than those grown in the open field and wood vinegar and serenade treatments had no significant effect on the size and weight of the plant. Moreover, the type of cultivation had no significant effect on the yield for both marketable and non-marketable yield of lettuce. Serenade-treated plants had slightly higher marketable yield but was not significantly different from wood vinegar and untreated plants.

Chitin and Chitosan Extractions from Crustaceans Exoskeleton: Evaluation of their Potential Together with Chitin-Containing Indigenous Materials for the Control of *Phytophthora* Disease of Jackfruit. Crab and shrimp exoskeleton were procured within Leyte and Samar islands. Chitin and chitosan were extracted and were assayed against the pathogen in the laboratory and inoculated seedlings for their ability to control *Phytophthora palmivora*.

Crab exoskeleton yielded 17.69% chitin and 17.43% chitosan while shrimp exoskeleton yielded 15.29% chitin and 13.35% chitosan. Three hundred (300) ppm chitosan dissolved in 0.3% acetic acid showed a direct antimicrobial activity against *P. palmivora* while chitin and chitin-containing raw materials (crab, shrimp, rhinoceros beetle exoskeleton and *Fomes* sp.) did not inhibit the pathogen. Both chitosan and chitin, however, had reduced the *Phytophthora* lesion in inoculated jackfruit seedling indicating that compounds can protect jackfruit from disease, most likely through the elicitation of resistance in the plant.

The effectiveness of chitosan in inhibiting the pathogen *in vitro* was stable even with exposure of undissolved or dissolved chitosan to sunlight and even after one month of storage. The locally-produced chitosan was as effective as with the commercial chitosan in inhibiting the growth of the pathogen. Spraying and drenching weekly as well as monthly stem injection of chitosan caused a reduction in the length and width of the *Phytophthora* lesion which indicate the stability of chitosan and its effectiveness in controlling *P. palmivora* lesions in jackfruit.

Tropical Fruit Tree Research and Development

Effect of Fruit Location on the Tree on the Physico-Chemical Properties of Jackfruit Pulp.

The location of fruits on the tree significantly influenced the pH, TSS, pulp thickness, and on the TTA of the pulp. The pH of the pulp from fruit located at the middle and lower part of the tree got a mean pH value of 4.47 and 4.45, respectively, and does not significantly differ from each other but significantly higher than the pH of the pulp from the fruit located at the top portion of the tree. The TSS of the pulp from the fruit located at the lower portion of the tree is 26.98°B which is significantly higher than the TSS of the pulp of the fruit located at the top and middle portion of the fruit with TSS value of 24.41 and 24.04, respectively. Fruit location has a significant influence on the TTA of the pulp. The TTA of the fruit pulp ranges from 0.56-0.68%. Pulp thickness is significantly affected by fruit location. Pulp from fruit located at the middle portion of the fruit got a value of 5.30 mm and significantly higher than the thickness of pulp located at the top and bottom portion of the fruit.

Product Development/Improvement of Food Products

Development, Evaluation and Optimization of Jackfruit Rag Canned Meat Loaf. The study was conducted to optimize the formulation in producing processed meat with jackfruit rags as an extender as well as to evaluate the product's quality through sensory evaluation, physico-chemical properties, nutritional value, microbial load and shelf-life.

Three (3) factors were identified that have potential to improve the product's quality and were arranged using the Central Composite Design. Three levels of meat (15, 30, and 45%w/w), jackfruit rags (5, 15, and 25%w/w) and blanching time (7, 14, and 21 minutes) were used. Sensory evaluation and verification were

conducted thereafter to know if there were significant effects that might affect the products' sensory parameters particularly on the color, aroma, taste, flavor, texture, intactness, and general acceptability.

Statistical results revealed that the variables employed had linear and quadratic effects on the sensory parameters evaluated which produced significant differences on the acceptability ratings. The meat has linear and quadratic effect on the flavor and general acceptability of the product. The jackfruit rags linearly affected the color, aroma, taste and intactness. Furthermore, the parameter estimates revealed that the linear and quadratic levels of meat and blanching time significantly affected most of the sensory attributes of the product.

Surface plots of the different sensory parameters were generated and results showed an acceptability mean score of all the sensory parameters that ranged from 7.31 to 7.59 obtained by intactness and aroma, respectively, which corresponds to "like moderately" in the 9-point Hedonic scale. Majority of the panelists described the color as pale brown with slightly to no perceptible jackfruit aroma and flavor, meaty taste, smooth to coarse texture, and moderately to very intact product. Optimum formulation was identified at 30% w/w meat, 15% w/w jackfruit rags, and 15 minutes blanching time, having the lowest processing cost at Php 19.65 per 150 grams.

Statistical results revealed that the observed acceptability scores of the optimum product was significantly different with the predicted scores for color and flavor acceptability while no significant difference for aroma, taste, texture, intactness and general acceptability at $P < 0.001$. The quality evaluation was undertaken to know the characteristics of the optimum product in terms of physico-chemical attributes, nutritional value, shelf-life and microbial quality. The optimum formulation of the product regardless of the processing cost was at pH 6.18 with maximum emulsion stability characterized by zero gram of exudate, no oil separation and sponging.

The optimum formulation together with an established comparable commercial product as control were subjected to consumer evaluation using 100-consumers to test the acceptability and evaluate the preference of the consumers between the two products according to its color, aroma, taste, texture and overall likeness. Results showed that the best formulation (optimum) was more preferred with high percentages except color. Chi-square results revealed that the aroma, taste and overall preference gave highly significant differences on the two products. This implied that one of the products was more superior on these attributes than the other. Based on the percentages on the preferences, the formulated product (optimum product) was highly preferred with overall preference percentage of 72%. The possibility of competing with the existing product and maybe other brands in the market is high and the commercialization of the product is promising especially if a more sophisticated packaging is used. Majority of the reasons for the preference of the optimum product is its meaty taste and distinct aroma.

Accelerated shelf life study conducted revealed that at 29°C temperature, 7 days is the maximum keeping quality of the product, where slight sour odor and taste were perceived. Using published Q10 values, shelf-life plot was constructed for the jackfruit rags extended frozen meat loaf. At $Q_{10}=2$ equivalent ASLT time at 29°C is 7 days to desired shelf-life of 6 months at -18°C. Due to perceived slight sourness on the 7th day, the product is best consumed before six (6) months.

The microbial flora of the product was examined and low microbial growths were observed on the total plate and yeast and molds film, while pathogenic and toxin-producing bacteria (*Staphylococcus aureus*, Coliform, and *Escherichia coli*) were not detected which indicated sufficient processing schedule and conformance to good manufacturing practices.

Postharvest Practices

Effect of Packaging System on Eggplant During Transport. Eggplants (*Solanum melongena*) are extremely predisposed to injury

during haulage which reduced the fruit value. The study was aimed to develop packaging systems to maintain the market quality of 'Morena' eggplant during transport along the market continuum. A 6 x 2 factorial experiment in completely randomized design was laid out using freshly harvested eggplant. Fruits of eggplant with uniform maturity, size and damage-free were procured from Brgy. Butigan, Baybay, Leyte and were packed using six (6) types of container, namely: rattan, plastic crate, polyethylene plastic bag, and Styrofoam cooler in which both rattan basket and plastic crates were ___ with and without banana leaves as liners. Fruits were arranged following the conventional practice of product loading by the traders. After transport, fruit from the different containers were stored in ambient (25-30°C) or refrigerated (8-10°C) conditions at a postharvest technology laboratory wherein storage behaviour was monitored and evaluated.

The result revealed that chemical quality attributes were not significantly affected by the kind of packaging materials used, however, the quantitative physico-chemical attributes were affected by the type of storage condition. Storing the fruits at refrigerated condition prolonged the shelf life of up to 8 to 10 days. The results of the study provide valuable information in establishing a better transport scheme that could be utilized in both domestic and export markets.

Postharvest Quality of Wood-Vinegar Treated Eggplants Under Various Storage Conditions.

Wood vinegar (pyrolineous acid or pyrolysis oil) is a liquid produced by means of natural carbonization from available plant refuse. Researches showed that it has numerous potential benefits both to agriculture and human health as well as to enhance harvest and postharvest quality of various fruits and vegetables. In this study, evaluation of the effects of wood vinegar and storage conditions to enhance the post harvest quality of 'Morena' eggplant was evaluated. A 2 x 3 factorial experiment was laid out in completely randomized design with six (6) treatments and three (3) replications and each replication have 30 fruit samples. The highly perishable eggplant

was treated with wood vinegar (10%) from citrus tree refuse as postharvest dip for 2 minutes before storage at ambient (25-28°C), refrigerated (7-10°C), and evaporative cooling box type (18-21°C) condition with relative humidity of 66%, 76%, and 96%, respectively, while tap water served as control. Samples were stored for one week.

Results showed that eggplant treated with 10% wood vinegar did not differ in terms of percent weight loss, shelf-life (days), total soluble solids (°B), and titratable acidity (% malic acid) compared to the control. For storage conditions, ambient condition displayed the highest total soluble solids and percent weight loss. Titratable acidity and shelf life were not significantly affected by storage treatments, which ranged from 0.17% to 0.21% and 4.5 to 7.1 days, respectively. Chilling injury was evident on the eggplants in evaporative cooling condition. The preliminary results could serve as basis for further intervention studies to enhance the quality of eggplant.

Socio-Economic Evaluation/ Assessment

Factors Affecting Profitability of Small-Scale Vegetable Production in the Visayas. This study was conducted to assess the profitability of small-scale vegetable production in the Visayas, particularly in Leyte, Samar and Bohol. The data used in the study was taken from the baseline survey on vegetable production in the Visayas. Descriptive, correlation and multiple regression analyses were used in analyzing factors that influence profitability of small-scale vegetable production in the Visayas.

Results show the significant factors that affect profitability include size of the farm, cropping practices and market outlets. This suggests that profitability of vegetables measured in terms of gross margins will increase if farm size will also increase. However, the focus of the study is on small-scale farming, hence, increasing farm size may not be an immediate solution to increase profitability. Regression results show that

intercropping can also positively influence profitability. This means that with limited farm size, farmers can maximize the yield of vegetable production through intercropping. Moreover, primary market outlet also affects profitability implying that better access to market translates to higher profitability. Results of the study suggest that in order to improve the profitability of farmers in the Visayas particularly in Leyte, Samar and Bohol, policy makers, researchers and technicians should focus their efforts in optimizing the cropping system and in training the farmers to identify vegetables that produces better yield in an intercropping system. This move should also be complemented with better access to market facility, that is, the farm-to-market-road should be improved so that farmers can easily link their production to the market/consumers.

The Effect of the NGP on the Socioeconomic Status of the Households of PO-Member Participants in Caibiran, Biliran Province, Philippines. The Philippine Government launched in 2011 the National Greening Program (NGP), a massive forest rehabilitation program that aimed to plant 1.5 billion trees in 1.5 million hectares by 2016. Among the provinces where NGP was implemented is the island province of Biliran in Eastern Visayas. While the environmental effects of the NGP can be felt only some years after its full implementation when the trees planted shall have matured, it was assumed that it could bring socioeconomic benefits to members of the Community Forestry Project Beneficiary Association (CFPBA), the people's organization that was tapped to undertake plantation site establishment and management, seedling production and hardening, outplanting and plantation maintenance. Members of the CFPBA who took part in fulfilling these responsibilities were paid.

The study validated the assumption that because of the additional income source they had with NGP, CFPBA members' socioeconomic condition improved. The socioeconomic status (SES) of CFPBA-member households who participated in the NGP was compared to that of non-member households. The Mann-Whitney

U Test showed that the two groups had basically the same SES scores in 2014 when the benchmark survey was done and in 2016 when the endline survey was made. This means that the participation of the CFPBA member in the NGP did not significantly lift them above their non-member counterparts. The Wilcoxon Signed Rank Test, on the other hand, showed a significant increase in CFPBA-member households' 2016 SES over the 2014. However, CFPBA-member respondents' testimonies indicated that they could not feel the improvement, which means that the pay they received did not make a difference in their lives.

Aquatic Ecosystems Evaluation

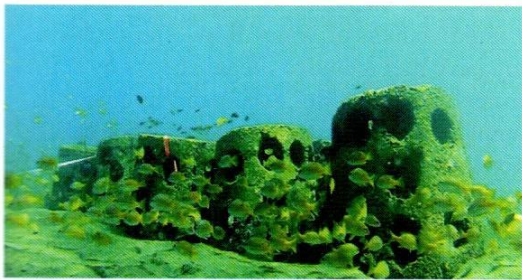
Biodiversity of Marine Flora & Fauna in Artificial Reefs of the 5th District of Leyte. Eighteen (18) artificial reef sites have been monitored for species composition and abundance. The results showed a higher biodiversity in artificial reefs (ARs) than in reefs without corals. Corals in ARs generally had low (0.33) coral recruit/module. Fishes were 28 species, of which snappers were the most dominant, and had 63 to 281.33 density (#/m²). Barnacles were commonly observed to be the pioneers colonizing ARs. Other flora and fauna observed in low abundance include seaweeds, sea urchins, crinoids and sponges.

2nd Biophysical Assessment and Monitoring in Cuatro Islas Protected Landscape and Seascape, Inopacan and Hindang, Leyte: Marine Flora and Fauna. The second biophysical assessment and monitoring on the status of the marine flora and fauna inside and

outside the marine sanctuaries in Apid, Mahaba, Digyo and Himokilan was done in April and May 2016. Results showed that there was higher number and cover of seaweeds and seagrasses species outside than inside the marine sanctuaries. The status of coral resources inside the marine protected areas (MPA) was found poor in both Apid (22.4%), and Himokilan (43.88%) while fair in both Digyo (30.4%) and Mahaba (28.08%).

Using the Shannon Diversity Index (H') in monitoring the status of macroinvertebrates showed that there was an increase from 2.59 in 2015 to 2.64 in 2016 inside the sanctuary, while a slight decrease from 2.47 to 2.32 was observed from the outside of the marine sanctuary. The study on the reef fishes inside the MPAs of Cuatro Islas showed a higher diversity than outside MPAs which indicates effective MPA management. The 2016 monitoring of Cuatro Islas showed a highest record on temperature and salinity through the years which indicate the occurrence of El Niño phenomenon.

Assessment and Monitoring of Macroinvertebrates in Seagrass-Seaweeds Resources of Marine Sanctuaries of Apid, Mahaba, Digyo and Himokilan. Six (6) major groups of macroinvertebrates were identified in Apid, Digyo, Mahaba and Himokilan, Island. These are under Phylum Annelida, Phylum Arthropoda, Phylum Cnidaria, Phylum Echinodermata, Phylum Mollusca, and Phylum Porifera. The annelids were represented by spaghetti worms, tubeworms and Christmas tree worms. Arthropods were dominated by organisms belonging to Class Crustacea such as hermit crabs, coral hermit crabs, coral crabs and shrimps. The sea anemone was the only cnidarian recorded for this study because the corals were documented and analyzed as a separate component. Several classes were noted under the echinoderms and were represented by brittle stars, feather stars, sea cucumbers, sea urchins and sea stars. The gastropods were the most abundant molluscs and were commercially important. There were also bivalves specifically giant clams that were observed in the area.



Snappers commonly inhabiting the Artificial Reefs

Job Placement of Graduates

Job Placement of the Graduates of the BSA, BSFT, BSDC, and BAS Curricula of the College of Agriculture and Food Science, Visayas State University, Main Campus. The study covered the 2011-2015 graduates of the following departments under the College of Agriculture and Food Science (CAFS): Department of Agronomy (DOA), Department of Soil Science (DSS), Department of Pest Management (DPM), Department of Plant Breeding and Genetics (DPBG), Department of Horticulture (DOH), Department of Agricultural Education and Extension (DAEE), Department of Food Science and Technology (DFST) and Bachelor of Animal Science (BAS). With a total of 790 graduates, 381 or 48% of them served as respondents of the study distributed by department as follows: DAS-102, DFST- 76, DOH -61, DAEE-50, DOA-9, DPM-25, DSS-22 and DPBG-16.

Most of the respondents were females and had an average age ranging from 20 to 26 years old with Food Technology and Plant Protection graduates having the youngest average age while Ag. Extension and Agronomy, the oldest. The

DPGB had the most number of honor graduates with 56.0% Cum Laude and 19.0% Magna Cum Laude. Majority of the respondents across departments were already employed during the time of the survey while some were previously employed. The nature of work among employed respondents were mostly related to their field of specialization with Agronomy having the highest percentage of graduates (91.0%) working in agriculture-related fields and Plant Breeding (58%) the least. Except for Agronomy, there were also graduates from other CAFS departments who work in education-related fields. These graduates were working in academic institutions and are teaching courses within their field of specialization. The employment classification of respondents from DPM and DOH were mostly contractual with 74% and 65%, respectively. Also working on contractual basis were 58% Plant Breeding graduates, 57% Agronomy, 56% Soil Science and 50% Ag Extension. Only Food Technology had more than half respondents (54%) who were already regular or permanent employees. The job level position of employed respondents were mostly professional, technical or supervisory. Most respondents considered their BS degree as relevant to their job.

SIGNIFICANT RESULTS OF COMPLETED RESEARCHES

Farmers' Satisfaction of the Services Provided by the National Irrigation Administration (NIA). The study was conducted to find out the respondents' experiences on their availment of the NIA services and to determine the respondents' feedback on the services provided by NIA. To gather the data, surveys and focus group discussions (FGDs) were conducted with the members of Irrigators Associations (IAs) in selected places in Leyte. Results showed that farmers have gained benefits from the irrigation services in many ways: it improved their rice production, enabled them to plant rice two or three times a year, provided transportation to their

communities because of the construction of access roads, improved water supply for domestic use (laundry, bathing of livestock), improved their knowledge of recommended rice production technologies and water management, and reduced incidence of Schistosomiasis due to improvement of water flow. The problems they have met included illegal checks by some farmers, lack of water during drought periods, dumping of solid wastes into the irrigation canals, overflowing of water during heavy rains, lack of cooperation by some farmers and accumulation of unpaid irrigations service fee (ISF).

To ensure irrigation supply, NIAs adopted various mechanisms including scheduling of water

distribution, establishing a cropping calendar, implementing the “no official receipt no cultivation policy”, organizing cooperative work to repair irrigation facilities and clean canals, and when needed, use of water pumps to supply water into the farms. To implement these actions, the IAs hold meetings to discuss and agree on policies, campaign for support by the local government units, and coordinate with the local irrigation office. Results of the study suggest the need to further improve the irrigation services in the communities and develop the communication and management capability of the IAs.

National Multi-locational Trials of Promising Abaca Bunchy-top Resistant Genotypes. All entries including the regional and national check cultivars except for MH83-1 and Javaque were all infected with bunchy top as early as 3 months. The last to be infected was MH83-1 at 21 months after planting (MAP) in Region 8 while Javaque was not infected in Regions 5, 8 and 11.

Javaque and MH83-1 are resistant and tolerant abaca varieties, respectively, for the three regions and can be planted in any regions of the country.

MH83-1 had the most number of stalks harvested in the three regions both in the clean and disease areas. It can produce 335.4kg of fiber in a bunchy top infected area with fiber recovery of 1.1% and a 1% acceptable percentage of fiber recovery.

Javaque ranked 2nd in terms of number of stalks harvested both in the clean and in disease areas but only in Region 8. It is resistant to bunchy top and can produce 305.8 kg per hectare but has low fiber recovery with an average of 0.55%.

The high fiber yield from MH83-1 hybrid and Javaque can increase the income of abaca farmers, however, their resistance to plant the resistant varieties because of its low yield can compromise their income inasmuch as they preferred the high yielding varieties but susceptible to bunchy top disease. These hybrids can be planted in Region 5, 8 & 11 to rehabilitate abaca areas infected with bunchy top.

MH83-1 hybrid is tolerant to bunchy-top disease and possess a wide range of adaptability to agro-

climatic conditions and can be planted in any region in the country.

Employers' Feedback on VSU Alangalang Graduates. The study was conducted to find out the feedback of employers of the graduates of VSU Alangalang working in their agencies. The descriptive survey was administered to 90 human resource personnel and immediate superiors of the graduates.

The results showed that majority of the agencies that employ graduates of VSU Alangalang were government agencies and few private companies. Employers perceived that the skills and abilities of an employee were very important in the work place and they rated the VSU Alangalang graduates “Very Satisfactory”. The t-test for related samples indicated that there is significant difference in employers' perceived importance of the employee skills and abilities and their assessment of the same skills possessed by the graduates (t-values ranging from 6.426 to 10.281 and p-value of 0.000). Majority of the employer-respondents said that performance of the graduates of VSU Alangalang were comparable to that of other universities. The top three (3) most preferred universities by employers were Leyte Normal University (23.33%), Eastern Visayas State University (10.0%) and VSU Alangalang (8.89%).

The top three suggestions of the respondents in order for VSU Alangalang prepare well its graduates included: development of the competence of faculty (11.1%), improve the oral communication skills of the students (13.3%), and improving the human resource and physical facilities of the college.

There is a significant gap between the perceived importance of the skills than what the graduates really possessed. Hence, there is a need for VSU Alangalang to revisit and enhance the teaching-learning activities (TLA) and embed into it the important employee skills and abilities. Management interventions maybe instituted to improve the competence of the faculty and staff and acquisition of improved facilities like library holding and laboratory facilities and other equipment.

SCIENTIFIC PUBLICATIONS

VSU scientists and researchers published 32 papers in peer-reviewed professional articles published in the national and international journals, 3 articles in conference proceedings, 2 books and 7 book chapters.

Papers Published in Peer-Reviewed Scientific Journals

1. Aban, M.L. and L.C. Bestil. 2016. Potential of Some Legume Forages for Rumen Defaunation in Goats. **Annals of Tropical Research**, ISSN: 0116-0710; Vol. 38, (No. 1) 2016; 183-195
2. Asio, L.G. and F.D. Cuaresma. 2016. A Review of Postharvest Treatments to Maintain Mango (*Mangifera Indica* L.) Quality. **Annals of Tropical Research**, ISSN: 0116-0710; Vol. 38, (No. 1) 2016; 81-93.
3. Austral, T.M. Jr. and S.C. Bantugan. 2016. Nutrient Digestibility in Goats Fed With Corn Fodder Supplemented With Palm Kernel Meal. **Annals of Tropical Research**, ISSN: 0116-0710; Vol. 38, (No. 1) 2016; 168-173
4. Baclayon, A.I. and A.B. Escasinas. 2016. Performance of Irrigated Lowland Rice Grown at Different Spacing and Organic Fertilizer Levels under Unflooded Water Management System During the Vegetative Growth Period. **Annals of Tropical Research**, ISSN: 0116-0710; Vol. 38, (No. 1) 2016; 65-80
5. Bandalan, E.B. and L.A. Galvez. 2016. Optimization of Coconut Water Beverage Fermented with *Lactobacillus acidophilus*. **Annals of Tropical Research**, ISSN: 0116-0710; Vol. 38, (No. 1) 2016; 196-202.
6. Bande, M.M., V.B. Asio, J. Sauerborn, and V. Römheld. 2016. Growth Performance of Abaca (*Musa textilis* Née) Integrated in Multi-strata Agroecosystems. **Annals of Tropical Research**, ISSN: 0116-0710; Vol. 38, (No. 1) 2016; 19-35
7. Bande, M.M., V.B. Asio, J. Sauerborn, and V. Römheld. 2016. Mineral Nutrition of Abaca (*Musa textilis* Née) Planted under Coconut and Rainforestation Production Systems. **Annals of Tropical Research**, ISSN: 0116-0710; Vol. 38, (No. 1) 2016; 36-52
8. Benitez, M.M., A.D. Valida, F.R. Rivera, M.A. Sudaria, A.A. Salabao, E.E. Sudaria, A.A. Acedo, E. Winley, E and J. Ekman. 2016. Effect of Polyvinyl Chloride Film on Bitter Gourd Quality Under Various Storage Conditions. **Asia Pacific Journal of Food Safety and Security**. April 2016. Volume 2 (ISSN 2422-9555)
9. Benitez, M.M. and J.K.M. Benitez. 2016. Potential Postharvest Botanical Extract on Bacterial Soft Rot of Cabbage. **Asia Pacific Journal of Food Safety and Security**. April 2016. Volume 2 (ISSN 2422-9555)
10. Cagasan, U.A. and N.V. Tamayo. 2016. Growth and Yield Performance of Irrigated Lowland Rice NSIC Rc218 (*Oryza sativa* L.) as Influenced by Water and Fertilizer Applications. **Annals of Tropical Research**, ISSN: 0116-0710; Vol. 38, (No. 2) 2016; 83-95
11. Come, W.D., E. Schlecht and K. Brinkmann. 2016. Characterization of Ruminant Husbandry Systems in Protected Areas of Batanes Islands, Philippines. **Annals of Tropical Research**, ISSN: 0116-0710; Vol. 38, (No. 2) 2016; 17-29
12. Corets, D.C. and M.M. Escalada. 2016. Interpretation of Insecticide Posters by Rice Farmers In Selected Villages in Leyte, Philippines. **Annals of Tropical Research**, ISSN: 0116-0710; Vol. 38, (No. 1) 2016; 1-9

13. Estoy, M.A. S. 2016. Quantile and Restricted Maximum Likelihood Approach for Robust Regression of Clustered Data. **The Phil. Statistician**, Vol. 65, No. 2 (2016); pp. 93-106
14. Galinato, M.I. and J.C. Evangelio. 2016. Dynamics of Plankton Community in Banahao-Palhi River in Leyte, Philippines. **Annals of Tropical Research**, ISSN: 0116-0710; Vol. 38, (No. 2) 2016; 130-152
15. Gravoso, R.S., I.A. Navarrete, and I.K.P. Gahoy. 2016. Research Productivity in Development Communication in the Philippines. **Annals of Tropical Research**, ISSN: 0116-0710; Vol. 38, (No.2) 2016; 166-173
16. Gregorio, N., J. Herbohn, S. Harrison, A. Pasa, and A. Ferraren. 2016. Regulating the Quality of Seedlings for Forest Restoration: Lessons from the National Greening Program in the Philippines. **Small-Scale Forestry Journal**, Springer. DOI 10.1007/s11842-016-9344-z.
17. Hautea, D.M., L.D. Taylo, R.B. Quiloy, J.O. Narciso, M.J. Mostoles, C.R. Bravo, R.A. Salas, M.V. Navasero and R.A. Hautea. 2016. "Sikat" and "Sulit", New F1 Hybrid Varieties of Eggplant (*Solanum melongena* L.). **Philippine Journal of Crop Science (PJCS)** August 2016, 41 (2); 46-54. Copyright 2016, Crop Science Society of the Philippines
18. Jimenez, A.J.C., C.S. Pepito, E.S. Quevedo and F.M. Salas. 2016. Pigmental Composition and Physicochemical Parameters on the Quality of Salog River in Hilongos, Leyte, Philippines. **International Journal of Applied and Pure Science & Agriculture**, 2(4):158-162.
19. Lauzon, R.D., O.G. Camoying and N.G. Petronio. 2016. Research Note: Vege-Fish Noodle: Its Quality and Acceptability. **Annals of Tropical Research**, ISSN: 0116-0710; Vol. 38, (No. 1) 2016; 213-219.
20. Madrid, A.A.D.G and E.G. Cagasan. 2016. Patterns and Trends of Development Communication Studies Conducted by Students of a State University in the Philippines. **Annals of Tropical Research**, ISSN: 0116-0710; Vol. 38, (No.2) 2016; 174-187
21. Morbos, C.E., D.M. Espina and L.C. Bestil. 2016. Growth Performance of Philippine Native Chicken Fed Diet Supplemented with Varying Levels of Madre de Agua (*Trichanthera gigantea* Nees) Leaf Meal. **Annals of Tropical Research**, ISSN: 0116-0710; Vol. 38, (No. 1) 2016; 174-182
22. Patindol, T.A. 2016. Post Biological Assessment of Faunal Resources in The Samar Island Natural Park. **Annals of Tropical Research** ISSN: 0116-0710; Vol. 38, (No.2) 2016; 52-73
23. Quilicot, A.M.M. and R. Baumung. 2016. Inbreeding and Mortality Risk in a Captive Population of Mhorr Gazelle (*Nanger dama mhorr*). **Annals of Tropical Research**, ISSN: 0116-0710; Vol. 38, (No. 1) 2016; 159-167
24. Quimio, J.M. 2016. Floral Composition and Timber Stock of Forest In The Samar Island Natural Park. **Annals of Tropical Research** ISSN: 0116-0710; Vol. 38, (No.2) 2016; 30-51
25. Ramos, A.D. and A.L. Acedo, Jr. 2016. Effect of Paclobutrazol Treatment on Some Leaf Physiological and Biochemical Characteristics of Rejuvenated Coffee (*Coffea arabica* L.) Trees. **Annals of Tropical Research** ISSN: 0116-0710; Vol. 38, (No.2) 2016; 74-82
26. Ratilla, B.C. and T.C. Mendoza. 2016. Energy Productivity and Efficiency of Lowland Rice (Var. Psb Rc18) Under Various Organic Nutrient Sources and Quantum Enhancers. **Annals of Tropical Research**, ISSN: 0116-0710; Vol. 38, (No. 1) 2016; 105-121
27. Reyes, T.D. Jr., J.B. Abadingo, S.G. Tabuno, E.K.L. Serioño, J.B. Mabanag, and R.C. Mercadal. 2016. Floristic Inventory of the Proposed Site for Tarsier Tourism Center in

Villa Aurora, Bilar, Bohol, Philippines, **International Journal of Environmental and Rural Development**, ISSN 2185-159x; (2015) 6-2

28. Sarcol, B.P. and U.A. Cagasan. 2016. Performance of Peanut (*Arachis hypogaea* L.) as Influenced by Time of Planting Sweetpotato (*Ipomoea batatas* L.) as Intercrop. **Annals of Tropical Research**, ISSN: 0116-0710; Vol.38, (No. 1) 2016; 122-133
29. Serino, M.N.V. 2016. The Rising Carbon Footprint of Philippine Households: An Estimation Using Consumption Expenditure and Input-Output Analysis. **Annals of Tropical Research** ISSN: 0116-0710; Vol. 38, (No.2) 2016; 1-16
30. Tualla, I.P.B. and J.G. Bitacura. 2016. Effects of Cadmium and Zinc on the Gamete Viability, Fertilization, and Embryonic Development of *Tripneustes gratilla* (Linnaeus). **Scientifica**; Vol. 2016, Article ID 8175213, 10 pages, 2016. doi:10.1155/2016/8175213.
31. Valida, A.D., C.C. Latt, T.S. Sau, Uthairatanakij, and P. Jitareerat. 2016. Postharvest Quality and Bacterial Load of Freshcut Apples Under Low Temperature. **Pacific Journal of Food Safety and Security**, April 2016. Volume 2 (ISSN 2422-9555)
32. Yu, A.J.G and F.M. Salas. 2016. Pigmental Composition of Freshwater Algae at Different Levels of Nitrogen and Physico-chemical Parameters of Palhi River, Baybay, Leyte. **Annals of Tropical Research**, ISSN: 0116-0710; Vol. 38, (No. 1) 2016; 134-147

Papers Published in Conference Proceedings

1. Borines, L.M., Z.C. Gonzaga, O.B. Capuno, R.G. Gerona, D.C. Lusanta, H.B Dimabuyu,

M.L.P. Vega, and G.S. Rogers. 2016. Disease Commonly Affecting Vegetables in Eastern Visayas, Philippines, and their Incidence Under Protective Structures and in the Open Field. **ISHS Acta Horticulturae**. 10.17660/ActaHortic. 2016.1128.6

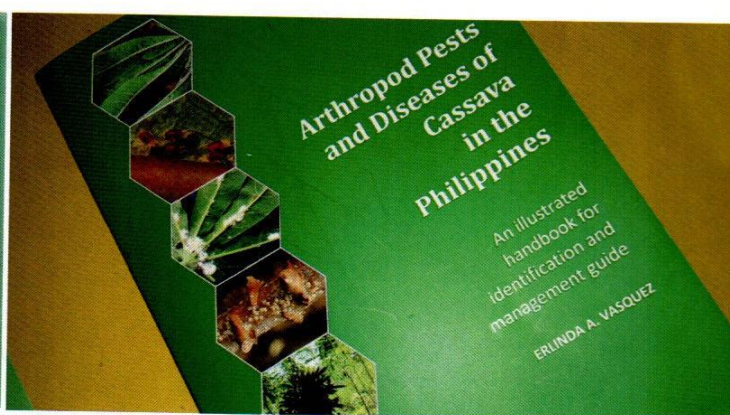
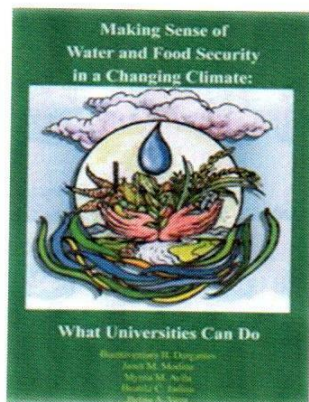
2. Dimabuyu, H.B. Z.C. Gonzaga, D.C. Lusanta, J.S. Mangmang, O.B. Capuno, and G.S. 2016. Reducing Disease Incidence and Increasing Productivity of Ampalaya (*Momordica charantia* L.) through Pruning and Protective Cultivation. **ISHS Acta Horticulturae** 10.17660/Acta Hortic. 2016.1128.6
3. Gerona, R.G, Z.C Gonzaga, O.B Capuno, P.T. Armenia, M.B. Loreto, L.B. Nuñez, L.M. Borines, A.B. Tulin, E.R. Tauza, D.C Lusanta, H.B. Dimabuyu, M.L.P. Vega, J.S Mangmang, G.S. Rogers, and K.M. Menz. 2016. Sustainable Vegetable Production Through the Use of Low Cost Protective Structures: A Farmer's Experience in Bontoc, Southern Leyte, Philippines. **ISHS Acta Horticulturae**. 1017660/ActaHorti. 2016.1128.25

Books Published

1. Dargantes, B.B., J.M. Modina, M.M. Avila, B.C. Jadina, and B.A. Vega. 2016. **Making Sense of Water and Food Security in a Changing Climate: What Universities Can Do?** Asia-Pacific Network for Global Change Research (APN)-Institute for Strategic Research and Development Studies (ISRDS)
2. Vasquez, E.A. 2016. **Arthropod Pests and Diseases of Cassava in the Philippines: An Illustrated Handbook for Identification and Management Guide**. ISBN:978-971-592-067-4. National Library of the Philippines Cataloguing-in-Publication Entry. May 2016.

Book Chapters Published

1. Escalada, M.M., J. Reinhold, L. Marquez, A. Klotzbücher (Marxen), T. Klotzbücher, J. Settele, S. Vetterlein and M. Wiemers. 2016. LEGATO: Land-use Intensity and Ecological Engineering - Assessment Tools for Risks and Opportunities in Irrigated Rice Based Production Systems. **Making Sense of Research for Sustainable Land Management. Centre for Development and Environment (CDE), University of Bern, Switzerland and Helmholtz - Centre for Environmental Research GmbH - UFZ, Leipzig, Germany; 978-3-944280-99-8**
2. Avila, M.M. 2016. ISRDS Post-Haiyan Training Initiatives to Rehabilitate Livelihood Systems in Affected Communities. **Making Sense of Water and Food Security in a Changing Climate: What Universities Can Do? APN-ISRDS**
3. Dargantes, B.B. et al. 2016. Intensifying Abaca Production in Typhoon-Damaged Coconut Farming Systems in Biliran Island, Philippines. **Making Sense of Water and Food Security in a Changing Climate: What Universities Can Do? APN-ISRDS**
4. Dargantes, B.B. et al. 2016. Experiences in Ensuring Food and Water Security in a Changing Climate. **Making Sense of Water and Food Security in a Changing Climate: What Universities Can Do? APN-ISRDS**
5. Dargantes, B.B. et al. 2016. Water and Food Security as Affected by Mining and Water Use Options. **Making Sense of Water and Food Security in a Changing Climate: What Universities Can Do? APN-ISRDS**
6. Dargantes, B.B. et al. 2016. Climate Change, River Flows, Food & Water: VSU, ISRDS Extending Expertise to Affected Stakeholders. **Making Sense of Water and Food Security in a Changing Climate: What Universities Can Do? APN-ISRDS**
7. Dargantes, B.B. et al. 2016. Formulation of Research and Development Agenda for Rural Water Systems: Challenges to Ensuring Resource Sustainability and Service Delivery. **Making Sense of Water and Food Security in a Changing Climate: What Universities Can Do? APN-ISRDS**

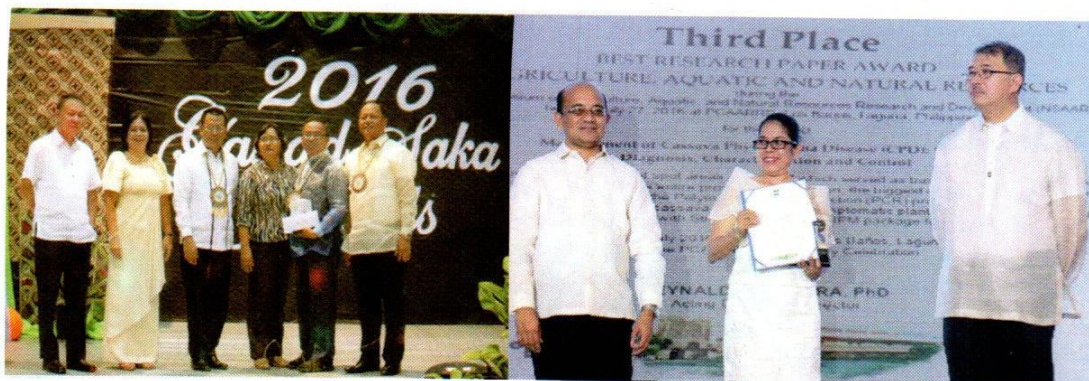


Book/handbook published by VSU faculty researchers: (left) *Making Sense of Water and Food Security in a Changing Climate: What Universities Can Do?* by Dr. Buenaventura B. Dargantes, et. al.; (right) *Arthropod Pests and Diseases of Cassava in the Philippines: An Illustrated Handbook for Identification and Management Guide* by Dr. Erlinda A. Vasquez.

FACULTY AWARDS/ACHIEVEMENTS IN RESEARCH

During the year, a number of faculty and research staff in the VSU System reaped awards for their commendable performance in research in the different levels:

- **Thirty-five (35)** VSU researchers received awards during the **Awarding Ceremony for 2014 Publication Incentives** which was held on February 3, 2016 at the PhilRootcrops Training Hall. The awards given were for the research papers published in 2014 in any peer-reviewed journals with local or international circulations or books published by recognized publishers. The awardees were: **Dr. Dennis P. Peque**, Associate Professor of the College of Forestry and Environmental Science (CFES), whose paper entitled "The Abundance of Rare Tree Species in Remnant Forests Across the Visayas, Philippines" was published by the Springer of Dordrecht in the Netherlands with ISI international journal classification received a cash reward of P25,000.00 and a *Plaque of Recognition* from VSU and his other paper entitled "Rare Tree Species in Nurseries Across the Visayas, Philippines" published by the Academic Journals of Lagos in Nigeria with non-ISI international journal classification was rewarded with a plaque and a cash reward of P7,000.00; **Dr. Buenaventura B. Dargantes**, professor of the Institute for Strategic Research and Development Studies (ISRDS), and **Dr. Rommel B. Armecin**, professor of the National Abaca Research Center (NARC), who authored chapters in internationally-published books, respectively and each received a *Plaque of Recognition* and a cash incentive of P10,000.00.
- The following VSU researchers also received *Plaques of Recognition* and cash incentives of P7,000.00 per paper that were published in non-ISI international journals: **Dr. Julius V. Abela** (1), **Dr. Andresito D. Acabal** (1), **Asst. Prof. Ed Allan L. Alcober** (1), **Dr. Victor B. Asio** (2), **Mr. Angelo Francis F. Atole** (1), **Dr. Milagros C. Bales** (1), **Dr. Marlito M. Bande** (1), **Dr. Beatriz S. Belonias** (1), **Dr. Lolito C. Bestil** (1), **Dr. Edtha G. Cagasan** (1), **Dr. Maria Juliet C. Ceniza** (1), **Dr. Senona A. Cesar** (1), **Dr. Renezita S. Come** (1), **Mr. Warren D. Come** (1), **Dr. Buenaventura B. Dargantes** (1), **Dr. Ruben M. Gapasin** (1), **Dr. Zenaida C. Gonzaga** (1), **Dr. Rotacio S. Gravoso** (1), **Dr. Eugene B. Lañada** (1), **Dr. Suzette B. Lina** (1), **Dr. Elizabeth S. Quevedo** (1), **Dr. Marcelo A. Quevedo** (1), **Dr. Berta C. Ratilla** (1), **Dr. Felix M. Salas** (2), **Dr. Rosario A. Salas** (1), **Ms. Jedess Miladel N. Salomon** (1), **Dr. Moises Neil V. Serino** (3), **Dr. Feliciano G. Sinon** (1), **Prof. Arthur I. Tambong** (1), **Dr. Daniel Leslie S. Tan** (1), **Dr. Julie D. Tan** (3), **Dr. Anabella B. Tulin** (1), and **Ms. Leslie T. Ubaub** (1).
- **Dr. Felix M. Salas**, professor of VSU's Department of Pure and Applied Chemistry (DoPAC), was accorded the **2016 Region 8 Gawad-Saka Outstanding Agricultural Scientist Award** by the Department of Agriculture-Regional Field Office 8 (DA-RFO 8) on May 27, 2016 during the week-long celebration of the Farmers & Fisherfolk's Month at the Leyte Academic Center Gymnasium in Palo, Leyte.
- The Crop Science Society of the Philippines (CSSP) conferred awards to two VSU scientists during the 46th CSSP Scientific Conference on June 13-18, 2016 at the Phela Grande Hotel and Convention Center in General Santos City:
 - ✓ **2016 William D. Dar Research Management Award** to **Dr. Othello B. Capuno**, Vice President for Research and Extension and Director of ViCAARP, in recognition of his outstanding achievements in



Dr. Felix M. Salas was the recipient of the 2016 Gawad Saka Award (left photo); Dr. Erlinda A. Vasquez of PhilRootcrops received a plaque of recognition and a cash award from PCAARRD for winning the 3rd place in the Best Research Paper Award in Agriculture, Aquatic, and Natural Resources during the National Symposium on Agriculture, Aquatic, and Natural Resources Research and Development (NSAARRD) at PCAARRD, Los Baños, Laguna (right photo).

administration and coordination of research and extension programs that provided significant impact in the overall agricultural and rural development of the country especially in Eastern Visayas.

- ✓ **2016 CSSP Achievement Award in Teaching to Prof. Luz Z. Acedo**, professor of VSU's Department of Horticulture (DOH) and Philippine Root Crop Research and Training Center (PhilRootcrops), in recognition of her valuable contribution as a research professor by sharing her knowledge and expertise to her students.
- **Dr. Erlinda A. Vasquez**, Director of the Philippine Root Crop Research and Training Center (PhilRootcrops) and Lead Researcher, together with **Dr. Lucia M. Borines**, **Prof. Algerico M. Mariscal**, **Ms. Andrea B. Inocencio**, **Mr. Danilo**

T. Dannug, Ms. Resa M. Dacera, Ms. Lady Fatima G. Palermo, and Mr. Ricardo A. Maranguit, received a *Plaque of Recognition* and a cash award from the Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD) and the Department of Science and Technology (DOST), as the *Third Placer* for the *Best Research Award in Agriculture, Aquatic and Natural Resources* during the PCAARRD Anniversary Celebration on July 28, 2016.

- **Dr. Feliciano G. Sinon**, Director of the National Abaca Research Center (NARC), received the *AFMA R&D Paper Award* from the Department of Agriculture-Bureau of Agriculture Research (DA-BAR) during the 28th National Research Symposium held on October 26-27, 2016 at the RDMIC Building, Diliman, Quezon City.

EXTENSION



TECHNICAL ASSISTANCE

Department of Agronomy (DOA) – technical assistance to farmers who want to learn about the VSU practices of lowland rice production; established a Palayamanan Project which served as learning site for students, farmers and technicians in the region; served as resource speakers in different trainings.

Department of Animal Science (DAS) – provided technical assistance to the farmers who participated in the rootcrop-based poultry (native chicken) production at Bulosao, Lawaan, Eastern Samar; served 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.

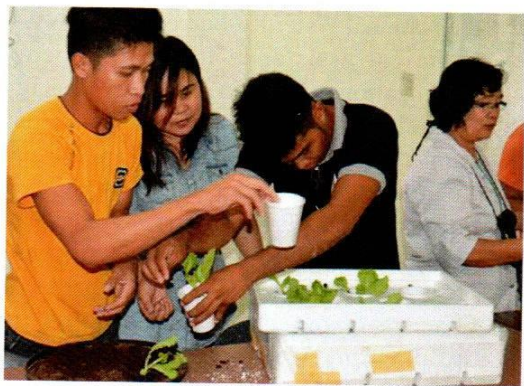
Department of Horticulture (DOH) – provided assistance through disseminating basic knowledge and technical information to farmers by conducting trainings with hands-on activities; showcased Edible Landscape Gardening in Exhibits or Agri-Aqua Fairs; distributed brochures to visitors and farmers; served as consultants in different projects of FAO, OXFAM and DA-DAR.

Department of Food Science and Technology (DFST) – provided technical assistance to the technology adopter through re-training activities; responded to training requests

from LGU, NGO, POs, government agencies, and international organizations on food processing of different commodities; served as resource persons on food processing trainings.

Department of Development Communication (DDC) – provided assistance in collaboration with other agencies in the Visayas such as ATI, VICARP, etc., in the conduct of training-workshops on writing and reviewing scientific papers for publication in refereed journals, arts workshop for students of Baybay National High School, etc.; served as resource persons, coordinators or facilitators of training-workshops/seminars/symposia and other capability-building activities.

Department of Pest Management (DPM) – provided technical assistance on pest management to vegetable growers of Leyte and Samar; subject matter specialists served as panelists in the farmers/fisherfolks/livestock growers' forum during VSU anniversary celebration; offered services to the farmers in terms of examination of specimens and identification of the pest problem as well as identification of arthropod specimens and recommendation of management options; field visits were conducted upon request to properly diagnose the pest problem and recommend appropriate management recommendations; technical assistance to interested individual on mushroom culture and butterfly farming



Climate Change Adaptation and Mitigation through Hydroponic Vegetable Production.



DPM staff as resource speaker

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 Pure and Applied Chemistry (DoPAC) – acted as resource person in trainings and technical assistance to the farmers through the *Farmers' Field School on Climate Change Adaptation and Mitigation*.

Department of Biological Sciences (DBS) – provided expert services to various clienteles in the identification of organisms or confirmation of the identification of plant samples; trainings and assistance to agencies in resource assessment.

Department of Statistics (DS) – provided statistical service to requesting parties.

Department of Computer Science and Technology (DCST) – provided technical ICT services/assistance to the different offices of VSU.

Department of Geodetic Engineering (DGE) – provided technical assistance to the residents of Brgy. Marcos on the survey works for the establishment of new water system for the barangay. It also conducted extension services to the member barangays of the MAPANGUAPA project, namely: Brgy. Marcos, Brgy. Pangasugan, Brgy. Guadalupe, and Brgy. Patag.

Department of Forest Science (DFS) – conducted capability building activities among smallholders engaged in forestry; provided technical assistance to nearby communities in the areas of forestry, environmental management and climate change; assisted the forest project of the Development Bank of the Philippines (DBP) of Isabel, Leyte in partnership with the local government of Isabel; some faculty members were tapped by DENR for their technical expertise in assessing the operation effectiveness of community-based forestry program in the Visayas Region; served as resource persons during trainings initiated by LGUs.

Institute of Human Kinetics (IHK) – provided technical assistance to the LGU of Baybay City, DepEd Baybay City Division in the organization and management of the Baybay City Meet and selected activities of the local government units; provided assistance to walk-in clients based on the faculty's area of expertise; teach different sports activities to the children during summer vacation; offered the Yoga program to all VSU faculty and staff and other interested individuals; and coordinated the children's choir of the Holy Spirit Parish during the children's mass.

Institute of Tropical Ecology & Environmental Management (ITEEM) – provided technical support to the different people's organizations; scuba divers helped deploy and arrange artificial reefs from Baybay City to the town of Bato in order to enhance biodiversity and production of coastal fisheries; continued support on the coastal resource management programs of the 5th District of Leyte; spearheaded environmental education and information campaigns; assisted the students through the two organizations, TARSIER and HOMES; capability building of local stakeholders in managing and utilizing natural resources; conducted RF training to the community of Brgy. Iberan Salcedo, Eastern Samar on the rehabilitation of the watershed in their area that was damaged by super typhoon Yolanda.

Institute for Strategic Research and Development Studies (ISRDS) – provided technical assistance to barangay LGUser in getting the Water Permit Application (WPA) at the National Water Resources Board (NWRB); technical assistance to the two people's organizations (POs) in Barangays Patag and Guadalupe namely: Patag-Gabas-Guadalupe Farmers' Association (PAGGFA) and Guadalupe Consumers' Cooperative (GCC) by assisting the officers of PAGGFA in the drafting of resolutions and letter requests for submission to the agencies concerned as well as facilitated the preparations of reports for the general assembly meeting and the planning workshop of the Guadalupe Consumers' Cooperative (GCC); provided technical backstopping in operationalizing BIDANI strategy in program planning,

implementation, monitoring and evaluation of PPAs; and spearheaded a forum with the theme: ***"Martial Law, Never Again"*** and a film showing on the experiences of the victims of Martial Law; led VSU in the celebration of the 30th EDSA Anniversary with the Theme: ***"Pagbabago: Ipinaglaban N'yo, Itutuloy Ko"***.

Online Programs Office (OPO) and Graduate School – conducted information drive/promotional activities to promote the graduate degree programs of VSU including those offered extramurally.

OPO-Multimedia Development Center (MMDC) – continued to provide video documentation and other services to the various units in the university and **VSU Printing Press (VPP)** also continued to provide printing and binding services to faculty, staff and students of the university.

National Abaca Research Center (NARC) – provided technical briefings to visitors on abaca production, postharvest processing and utilization as well as NARC programs and technologies; conducted capability-building activities to different stakeholders; technical assistance to LGUs in Southern Leyte on how to revive the abaca industry in Eastern Visayas.

National Coconut Research Center-Visayas (NCRC-V) – provided technical assistance on the establishment and management of coconut nursery/plantation, promotion and marketing linkages of coconut-based food and non-food products, coconut pest identification, and sustainable management; assistance to interested visitors on copra drying and charcoal making; field visitation/survey to coconut infested areas and provided technical assistance on the control measures of coconut pests.

Alumni and Community Relations Office (ACRO) – assisted some indigents of Barangay Mahayahay, Baybay City in availing of medical services through the VSU Hospital and providing them with medicines and other household needs from a VSU alumnus; conducted community outreach on hygiene and sanitation to parents and children of the Mahayahay Elementary

School, Mahayahay, Baybay City, Leyte in coordination with the VSU Hospital doctors, nurses and staff; distributed slippers, school supplies and health items to school children and children of neighboring households of the Mahayahay Elementary School, Mahayahay, Baybay City as well as to the school children of the Patag Elementary School and other children of the barangay from donations from alumni of VSU; conducted to school children and children of neighboring household of the Mahayahay Elementary School and also to some children in Guadalupe, Baybay City.

PCC @ VSU – assisted two (2) cooperatives and three (3) associations in Region VIII in their dairy production and business management. It accommodated five (5) student-trainees from Southern Leyte State University (SLSU), Hinunangan Campus on Dairy Buffalo Production and Management. It also provided dairy buffalo milk product to 247 elementary pupils from Baybay City in support to VSU's community outreach program.

VSU Alangalang – conducted orientation on climate change and biodiversity conservation to the different barangays of Alangalang, Leyte; dispersed 10 pairs of upgraded chicken to the following farmer organizations: Binongtoan Farmers' Association (BIFA), Brgy. Cavite Association of Agripreneurs (BCCA), Lukay Farmers' Association (LFA) and Brgy. Uguiao Small Coconut Farmers Association (BUSCOFA); conducted project orientation to the barangay officials of Brgy. Lukay, Alangalang, Leyte.

VSU Villaba – provided extension assistance through information dissemination, conducting trainings and outreach projects to their service area; provided technical assistance to the members of the Bugabuga Upland Farmers Association (BUFA) in their goat raising project; tutorial class for the reading enhancement and literacy among adults, out-of-school-youth (OSY) and children; assisted three barangays, namely: Barangays Cagnocot, Iligay and Bugabuga; conducted Farmers' Day and Agri-Trade Fair wherein 28 barangays in the municipality of Villaba participated.

HIGHLIGHTS OF EXTENSION PROJECTS

Promotion of Recommended and Improved Coconut Varieties

As of December 2016, 389 makapuno plantlets were produced in the laboratory through embryo culture and 55 makapuno seedlings were maintained in the screen house. During the year 270 plantlets were sold to different clients from the different parts of the country.

Flyers on Makapuno planting procedure and fertilization were produced and distributed to the buyers of makapuno seedlings.

Six (6) MS students of VSU were trained on makapuno embryo culture technology which include embryo extraction, surface sterilization, media preparation, embryo inoculation, incubation, sub-culture, and potting of seedlings.

Dissemination of Coconut Production Technology

During the year, a total of 63,411 seedlings were disposed to 211 coconut farmers identified by the Philippine Coconut Authority (PCA) as recipient of the seedling dispersal. Some farmers were given leaflets on the cultural management of coconut production while others were given lectures on the establishment of coconut plantation.

Promotion of Diversified and Sustainable Coconut-Based Farming Systems

The NCRC-V demonstration farm was maintained and managed properly to serve as showcase for the visitors, students, farmers, and other clients that visit the Center.

Pineapple intercrops showed a good growth performance with fruit yield that ranged from 230g to 930g/fruit/plant. Ginger as intercrop was planted at the demo farm and replanting of black pepper was also done. Production of black pepper cuttings was continued and facilitated the acquisition of pineapple suckers and rooted black pepper cuttings by clients.

Other activities conducted during the year included: briefings of visitors, students, coconut

farmers/owners and facilitating clients consultation about coconut intercropping, coconut pest infestations and cultural management; conducted field visitation/survey to coconut areas and provided technical assistance to coconut farmers regarding coconut pest control measures; conducted information drive and trainings on Coconut Pest Identification and Integrated Pest Management of Coconut and Production of Biological-Control Agents (Parasitoids) for Coconut Leaf Beetle (*Brontispa longissima* Gestro) and Coconut-Based Intercropping; distributed 719 copies of leaflets on coconut and intercrops to interested clients; and conducted briefing and demonstration on Crude Fat Extraction analysis to Food Tech students.

Increasing the Participation of LGUs, NGOs, and POs in Local Development Planning for the Water and Sanitation Sectors

Conducted the following activities during the year: Seminar on Human Right to Water and Sanitation for Gender and Development; Seminar on Basic Water Right; Regional Inter-University Project Development Writeshop on Rural Water and Service Delivery; technical assistance to barangay LGUs and POs in Water Permit Application (WPA) at the National Water Resources Board (NWRB), and reproduced copies of the Water Permit Application for distribution.

Building Capacities of Barangay People and Institutions for Community Development (MAGPAGUAPA)

The following activities were conducted during the year: attended the Barangay Assembly meetings and other activities conducted in the MAGPANGUAPA barangays; extended support to the Barangay Council of Brgy. Marcos in the presentation of the proposal for the construction of a two-classroom school building for the Marcos Elementary school to the Under Secretary of Department of Education; and coordinated with the PPCRV and COMELEC in the conduct of orientations on the use of Vote Counting Machine in the barangays.

SIGNIFICANT RESULTS OF COMPLETED EXTENSION PROJECT

Natural Resource Management-Based Extension Program (VSU Nature Park)

During the duration of the project, the following were accomplished: created environmental awareness on nature preservation and conservation to occupants of selected VSU dormitories; conducted seminar to the teachers and pupils of the Visca Foundation Elementary School (ViFES) on Biodiversity Conservation and Tree Planting as well as tree planting activity during their Scouting Month; installed billboards at different strategic locations within the Nature Park. Published and reproduced 250 copies of *Field Manual on Forest Restoration Using Indigenous Species* as well as pamphlets on *Propagation Techniques of Medilla and Hoya* and distributed to the park visitors; established 8 hectares demonstration farm and 2 hectares arboretum and established 1.8 hectares of *Dipterocarp* germplasm which was planted to 30 species; conducted capability building training of local stakeholders on how to manage and utilize natural resources as well as five (5) biodiversity conservation seminars, 15 rainforestation training, and eight (8) nature trek activities.

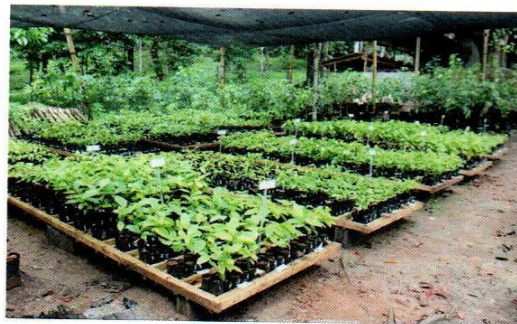
It was able to develop and establish the following technology demonstration areas: 0.5 hectare coffee-tree agroecological production system, 0.2 hectare cacao-tree agroecological production system, 0.5 hectare abaca-tree agroecological production system, 0.1 hectare jackfruit-banana-crop agroecological production system, and 0.1 hectare jackfruit-dragon fruit-crop agroecological production system

To enhance linkages with local and foreign institutions advocating biodiversity conservation and management, CFES accepted five (5)

exchanged students one (1) each from Finland, Germany, and Australia and two (2) from the United States of America (USA) and two (2) exchanged researchers from Germany and USA. As a major activity of the partnership of VSU and Yale University, the Rainforestation National Training was conducted at the VSU Nature Park.

Moreover, the project was able to educate and train 174 Certified Rainforestation Trainers, established 6,157.47 hectares of RF farms being maintained by 1,355 farmer adopters in other provinces of the Philippines, propagated 20 species of early successional indigenous forest trees that constitute a total of 5,450 seedlings, propagated species of mid successional indigenous forest trees that constitute a total of 2,300 seedlings, and propagated 30 species of late successional indigenous forest trees that constitute a total of 47,575 seedlings.

Documentation of the re-colonization of the birds of prey, crested goshawk (*Accipiter tivitatus*), crested serpent-eagle (*Spilornis cheela*) and the re-establishment of Samar tarictic hornbill (*Penelopides samarensis*) at the VSU Rainforestation demonstration farm after 22, 17, and 12 years of development, respectively.



Experimental set-up located at Terrestrial Ecosystem Division (TED) Laboratory.

TECHNOLOGY PROMOTION

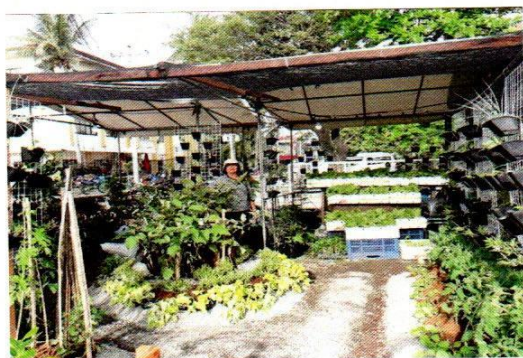
Garden Shows/Agri-Aqua Fair/Exhibits/Festival

In view of the renovation of the ODREx building the exhibits of the different centers were transferred to their respective buildings. The **National Coconut Research Center-Visayas (NCRC-V)** put up its own Exhibit Area at the NCRC building and it also participated in six (6) agri-trade, science and technology fairs outside of VSU, namely: Ormoc City – annual fiesta and EVRAA meet; Tacloban City – annual fiesta; PCAARD SIPAG FIESTA, SUC's Products Trade Fair during the 22nd CHED Anniversary, and DA-BAR's 12th Agriculture and Fisheries Technology Forum and Product Exhibition.

The **National Abaca Research Center (NARC)** participated four (4) agro-fairs and exhibits as follows: EVRAA Trade Fair in Ormoc City, Leyte, 2nd National Organic Agriculture Conference, 2016 Ormoc City Fiesta, and 92nd VSU Anniversary.

The **Department of Horticulture (DOH)** continued to spearhead the annual *Flower and Garden Show* during the anniversary of VSU and it also joined in gardens shows in other places/institutions and in Baybay City Agri-Fair 2016.

VSU Villaba conducted their *2016 Farmers' Day* and *Agri-Trade Fair* which was participated in by 28 barangays of Villaba, Leyte.



The garden of the Department of Horticulture during the Baybay Agri Fair.

The **Philippine Carabao Center (PCC)** at VSU spearheaded the *1st Baybay Carabao Festival* on December 15, 2016 at Baybay City, Leyte in collaboration with the local government unit of Baybay City and the Office of the City Mayor as well as the Visayas State University (VSU).

Distribution of Reading and Communication Materials

The following department, centers, and projects of the VSU Main Campus produced and distributed handouts, brochures, leaflets, flyers, technoguides, and CDs to farmers, housewives and other clientele for free or at minimal cost: **DOH** - 5 kinds of brochures; **ITEEM** - 250 copies of *Field Manual on Forest Restoration Using Indigenous Species*, 200 copies of pamphlets on *Propagation Techniques of Medilla and Hoya*; **NARC** - 748 IEC materials such as *Brochures on Abaca Handicraft and Abaca Technologies*; flyers on *Tissues-Cultured Plantlet (disease-free)*, *Plant Power Shredder*, *Abaca Power Stripper*, *Potting an Hardening of Tissue-Cultured Abaca Plantlets*, *Ang Hustong Pang-abakahan*, *Abaca Bunchy Top Virus*, *Major Pests of Abaca and their Management*, *Supilin/Sumpoon Natin ang Bunchy-Top o Ugpong*; National Abaca Summit Proceedings, NARC RDE and NARC Newsletter Vol.9.1 and Vol. 9.2; **NCRC-V** - 25 copies of the flyer on *Makapuno Planting Method*, 719 copies of leaflets on coconut leaflets and cultural management aspects of coconut production; **BIDANI** - 150 IEC materials on PNEA, Nutripak, and Nutripak recipes; **PCC @ VSU** - 2,093 copies of information materials; **DDC (Jackfruit Project)** - 41 IEC materials on jackfruit such as leaflets on *Marcotting Made Easy*, *Vacuum Fried Jackfruit*, *Dehydrated Jackfruit*, *Vermicomposting*, *Mongo*, *Mais*, *Tomato Grafting*, *Soybean*, *Cleft-Grafting*, *Cultural Management of Yam*, *How to Make SP Fries*, *Kangkong*, *Garlic*, *Sitao*, *Bottle gourd*, *Plant Propagation Technique for Ubi*, *Humay*, *Pagputol sa*

Kamote, Production of Cleft-Grafted Jackfruit, How to Make Coffee-like Drink from Jackfruit Seeds, How to Make Jackfruit Juice, How to Make Jackfruit Marmalade, How to Make Jackfruit Puree, How to Make Jackfruit Jam, How to Make Jackfruit Wine, How to Make Jackfruit Vinegar; other IEC materials were on other crops such as: brochures on *Mass Propagation Technique of Cassava Planting Materials, Goat Production: Breeding and Processing, Ubi Production Guide*; technoguides on *Identification of Coconut Pests and Diseases, Maghimo Kita Og de Kalidad Nga Kopras, Abonohi an Iyong Kalubihan Yana*; primers on: *Cultural Practices of Mango Production, Pag-aalaga ng Hito, Pagproseso ng Gulay, Jackfruit Production (English), Pagprodusar og Langka (Cebuano); Training Module on Diseases of Rootcrops and their Control, TechnoPinoy DVD and Environmental CD*, and the leaflet on *Plant Nursery Best Management Practices on Phytophthora Disease* - for EVIARC was also produced.

Distribution of Planting Materials

Different kinds of planting materials such as seeds, seedlings, potted plants, plantlets, and spawns were produced and distributed for free or at minimal cost to various clientele by the following departments and centers: **DoAgronomy** - 11,239.10 kg rice seeds, 62 kg corn seeds, 8.0 kg mungbean, and 65.21 kg peanut; **DPM** - spawns of mushroom and a number of potted pesticidal and medicinal plant species; **NARC** - 11,662 abaca plantlets and 218 banana plantlets; **NCRC-V** - 270 embryo-cultured plantlets of makapuno and 63,111 seedlings were dispersed to coconut farmers identified by PCA; and **PCC @ VSU** - 256 forage planting materials.

Demonstration Farms/Nurseries/Techno-Demo Farms

The different centers and departments of the VSU Main Campus as well as the external campuses showcased a number of technologies through the following:

- **DPM Pesticidal and Medicinal Garden** – showcased the different species of pesticidal and medicinal plants.
- **DPM Butterfly Garden** – showcased the butterfly farming as a potential source of income or for the aesthetic value of butterflies.
- **DPM Mushroom Culture** – showcased the production of mushroom and its entrepreneurial potential.
- **Natural History Museum (NHM)** – showcased the different collections of stuffed and live fishes, birds, reptiles, butterflies, etc.
- **Palayamanan Project of the Department of Agronomy** – served as learning site for students, farmers and technicians in the region.
- **Visca Forest Reserve (VFR) Demo Farm** – showcased the different species of trees in the VSU Main Campus forest reserved area.
- **Rainforestation (RF) Farms** – established 6,157.47 hectares of RF farms in other provinces of the country showing the benefits and importance of rainforestation and are maintained by 1,355 farmer adopters.
- **Clonal Nursery at DFS** – produced 60,000 clones of premium native trees to support the national greening program of the government.
- **CFES Arboretum** – showcased the cultivation of different tree species
- **CFES Technology Demonstration Farm** – showcased the following production systems: coffee-tree agroecological production system, cacao-tree agroecological production system, abaca-tree agroecological production system, jackfruit- banana-crop agroecological production system, and jackfruit-dragon fruit-crop agroecological production system.

- **NCRC-V Techno-Demo Facilities** – showcased the techniques on copra drying and charcoal making.
- **NCRC-V Demo Farm** – showcased the makapuno hybrids and other coconut production technology and profitable intercropping system.
- **NCRC-V Exhibit** – showcased the vision, mission, program and photos of the different activities of the Center for the visitors, students, farmers and clients.
- **PCC @ VSU** – showcased the pasture area

Focal Technology Center for Coconut in the Visayas

NCRC-V maintained the NCRC-V and the Philippine Coconut Authority (PCA) partnership Bio-con Laboratory and the continued production of Parasitoids (*Tetrasticcus brontispae*) as biological control agent against the *Brontispa longissima* Gestro and it also facilitated the request for Parasitoids by coconut farmers/owners, LGUs, PCA-CDOs, and private firm personnel.

During the year, it released a total of 9,170 mummies to *Brontispa*-infested coconut areas in Leyte (Northern, North-Western and Southern Leyte), Biliran, Eastern Samar, Bantayan, Cebu, and Siocon, Zamboanga del Norte. The said mummies can parasitize approximately 2,000 hectares of coconut infested with *Brontispa*.

Laboratory Analyses of Soil and Plant Samples

Analyses of soil and plant tissue samples and water and organic materials were conducted by the Soil Research Testing and Plant Analysis Laboratory (SRTPAL) of the Department of Soil Science (DSS) 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 331 analysis on Phosphorus only while the **CASL** conducted 12,905 analysis consisting of Water - 82, Plant Tissue - 3,732, Soil - 8,958, and Organic - 133.

Commercialization of Technologies

NARC fabricated and sold 17 units of abaca power stripper and abaca plant power shredders to abaca farmers, cooperatives, businessmen, state university, and LGUs. It also produced and sold 11,662 pieces abaca plantlets and 218 banana plantlets.

TRAININGS & WORKSHOPS CONDUCTED

The different colleges/departments, centers, and offices of the University System conducted different capability-building activities/seminars, livelihood trainings, orientations, fora, and technical briefings to the farmers, housewives, out-of-school-youths, LGU officials, agricultural technicians, farmer leaders, students, teachers, researchers, and other clientele (Table 11).



Capability building and strategic planning.

AWARDS GIVEN

The Visayas State University (VSU) gave annual recognition to the farmers of Region 8 during its Founding Anniversary dubbed as “*Farmers and Fisherfolks’ Day*” for their exemplary performance in their respective endeavors. On August 11, 2016, two (2) individuals and one (1) farmers’ association received their awards, namely: **Mrs. Socorro Codilla** of Ormoc City was the **2016 Outstanding Farmer Entrepreneur** or **UGMAD Awardee** and she received a *Plaque of Recognition* from VSU and a cash prize of P 30,000.00 from the Agricultural Training Institute (ATI); **Mr. Loreto Godoy** of Brgy. Can-ipa, Baybay City was the **2016 Outstanding Vegetable Farmer** who received a *Plaque of Recognition* from VSU and a cash prize of P25,000.00 from ATI; and the

Macapuno Farmers’ Association of Brgy. Macupa, Leyte-Leyte was the **2016 Outstanding Farmers’ Association** and received a *Plaque of Recognition* from VSU and a cash prize of P25,000.00 from ATI.



Table 11. Trainings conducted and services rendered by department/college/center/office in CY 2016.

DEPT/COLLEGE/ CENTER	TITLE OF TRAININGS CONDUCTED/ SERVICES RENDERED	TYPE OF CLIENTELE	NO. OF PARTICIPANTS
Department of Agronomy	Training on Innovative Tools and Resources Towards Climate Smart Rice Farming; Mindsetting and Agri-preneurship Training; Farmers Field School on Organic Production; Farmers Field School in Rice Production; Farmers' Field School on Organic Corn Production; Licensure Examination for Agriculturist Board Review	Rice farmers, Agricultural Technicians, 4H ATI-8 Scholars, students	425
Department of Horticulture (DOH)	Training for Vegetable Grafting on Tomato and Ampalaya; Training on Climate Change Adaptation and Mitigation through Hydroponic Vegetable Production Farmer Field School; Training on Vegetable Production; Container Gardening and Hydroponics; Training on Kam-long as Grafted Method; Training On Hydroponic Vegetable Production; Training on Dynamic Crop Management; Learning Visit to Mahayag Communal Garden; Facilitators Training on Farmers Field School (FFS) on Vegetables; Postharvest Handling and Packaging Techniques of Fruit and Leafy Vegetables (Phase I & II);	Agriculture technicians & farmers, Sangguniang Barangay (SB); Local Government Units, OPA, FTE, researchers, students extensionists, 4H Club members, families who were victims of super typhoon Yolanda	556
Department of Pest Management (DPM)	Training on Pest Management in Vegetables; Training on Pest Awareness and Identification; Training on Weed Utilization; Training on Pest Identification and Management; Farmers' Field School on Organic Corn Production; First Eastern Visayas Vegetable Congress; Training on Mushroom Production; Facilitators' Training on Farmers' Field School on Vegetable Production in Changing Climate	DA Technician, teachers, farmers, farmer leaders	779
Department of Animal Science (DAS)	Intensive Training on Rootcrop Production and Rootcrop-Based Animal Production Enterprise; 2016 PSYSC Extreme Activity Challenge; Intensive Training on Sweet-potato Production & SP-Based Animal Production Enterprise; Capacity Building & Resilient Livelihood Programs: Rootcrop Silage Making; Training of Trainers on Meat and Dairy Goat Production Technologies; Farmers' Forum;	Coop officials and members, goat raisers/ farmers, high school youths & teachers, technical facilitators, housewives, LGUs - Agricultural Technicians and farmer leaders	340
Department of Food Science & Technology (DFST)	Short term Livelihood Training: Food Processing (Root Crops Based); Training on Chevron Meat Processing; Training on Good Practices on Corn Processing; Value for Money: Shopping for Health; Training on Sweet Potato Processing; Training On Corn	Farmers, housewives	1,242

DEPT/COLLEGE/ CENTER	TITLE OF TRAININGS CONDUCTED/ SERVICES RENDERED	TYPE OF CLIENTELE	NO. OF PARTICIPANTS
	Processing; Training on Banana Processing; Training on HACCP/GMP on Jackfruit Processing; Training on Cassava and Sweet Potato Processing; Training on Meat Processing; Training on Ginger Processing; Training on Noodle Making; Training on Jam Processing; Training on Food Product Processing; Training on Coco Sugar Processing		
Department of Development Communication (DDC)	Training Workshops on Writing Research Papers for Peer-Reviewed Publications; Training Workshop on Designing Social Science Research; Training Workshop on Learning Materials Dev't; Communication Skills Enhancement Workshop; Instructional Materials Dev't. Workshop; Training-Workshop on Report Writing and Program Outcomes Monitoring Using Most Significant Change Technique; Training-Workshop on Writing Stories of Change (Workshop series on popularizing stories of change from the implementation of the National Greening Program in Region 8); Training-Workshop on Writing Scientific Papers for Peer-Reviewed Publications; Training-Workshop on R & D Proposal Development; Evaluation of Radio and Video Clips Produced; Participatory Community Radio Drama on Rapid Care; 2016 VSU OBE Syllabus Making Seminar-Workshop; Spoken Word Poetry Workshop; Forum on Leadership & Civic Engagement; Pinoy Media Congress; PACE National Conference & General Assembly; PH Social Good Summit; Development Communication Praxis Conference; Regional Tertiary Schools Press Conference	Faculty, students, VICAARP member agencies, PhilIDAR Project Staff, staff of ACIAR Vegetable Project, faculty members & researchers of Samar State University & VSU Tolosa, staff of DENR RO8, San Ricardo Municipal Agriculture Services Office, KAKASA Women's Group of Salcedo E. Samar	7,066
Department of Agricultural Education and Extension (DAEE)	Strengthening the Managerial Training Capabilities of Local Government Units; Training on Black Rice Production; Training on Vegetable Production; Farmers' Field School Training on Corn Production; Training on Fish Processing; Training on Container Gardening; Training of Community-based Micro-enterprise School (CMES) Facilitators; Training of Trainers (TOT) on Cassava Production and Chips Processing and Educational Tour; . Training on the Operation of Equipment for Chips and Granules; Good Manufacturing Practices (GMP) and Cassava Food Processing Training (3 batches); Community-Based Micro-enterprise School (5 months)	Brgy. Biasong Farmers' Assoc.; Officials of Brgys: Maslug, Sto. Rosario, Biasong, Kabalasan & Banahao; Banahao Farmers' Assoc.; Kabalasan Farmers' Assoc.; Maslug Farmers' Assoc.; Sto. Rosario Women's Assoc.; Farmers, LGU Technicians, Teachers; 10 People's Organization of farmers	800

DEPT/COLLEGE/ CENTER	TITLE OF TRAININGS CONDUCTED/ SERVICES RENDERED	TYPE OF CLIENTELE	NO. OF PARTICIPANTS
Institute of Human Kinetics (IHK)	Learn-to-Swim; Wellness Program (Pilates, Yoga, Postural Alignment, Injury Prevention & Recovery); Sports Clinic: Instructors' Course & Licensing in Finswimming; Children's Choir; Anniversary Fun Run; Dulang Pinoy during the VSU Farmers' Field Day; University Intramural Games; MAPEH Student Teachers Pinning Ceremony; Hear our Voices: MAPE Student Teachers Symposium; IHK/DPE 1 st Alumni Homecoming; Blood Screening Test; Drug Awareness Forum	Children, youth, faculty, staff, MAPEH Student Teachers, MAPEH Majors, DepEd Cooperating Teachers, service PE students, Alumni, VLHS students, farmers, fisherfolks, women, community	4,862
Department of Math & Physics	Review for Licensure Exam for Teachers	Education graduates	200
Department of Statistics	Training of Teachers in Statistics and Probability in Grade 11 of the Senior High School Curriculum; Peer-reviewer of the Philippine Statistician (TPS) Journal	Grade 11 teaches from the Division of Baybay City and Leyte	25
Department of Pure & Applied Chemistry (DoPAC)	Training on GAP for Jackfruit Production; Training on Climate Change Adaptation and Mitigation through Hydroponic Vegetable Production; Farmers' Field School for Climate Change Adaptation and Mitigation through Hydroponic Vegetable Production	Farmers of Buenavista, Abuyog, MacArthur, San Roque, & Mayorga all in Leyte and Ferreras of Marabut, E. Samar	150
Department of Forest Science (DFS)	High Quality Seedling Production & Plantation Establishment; Training Needs Assessment; Training on GIS; Agroforestry Systems Establishments	Farmers, POs, DFS faculty	126
Institute of Tropical Ecology & Environmental Mgt. (ITEEM) - Terrestrial Ecosystem Division (TED)	Rainforestation Training; Cocobords: A Natural Building Material Based on Coconut Husk; Scouting Movement (Philippine Biodiversity); Updating and Enhancing the Technical Capacity of Rainforestation Trainers and Practitioners; Rainforestation Training for Climate-Resilient Recovery; International Volunteer's Training on Rainforestation; Rainforestation Orientation Workshop	POs, LGU, NGO, elementary pupils, academe, entrepreneur, trainers on Rainforestation from academe of Luzon, Visayas & Mindanao as well as LGU and NGO of Luzon & Visayas Rainforestation, foreign and local students	495

DEPT/COLLEGE/ CENTER	TITLE OF TRAININGS CONDUCTED/ SERVICES RENDERED	TYPE OF CLIENTELE	NO. OF PARTICIPANTS
Institute of Tropical Ecology & Environmental Mgt. (ITEEM) – Aquatic Eco- systems Division (AED)	Participatory Coastal Resource Assessment (PCRA); Seminar on Coastal Resource Management and Tilapia Culture; Coastal Law Enforcement Training; Policy Orientation on Protected Area; NIPAS Orientation; Carrying Capacity Limits (CCL) Workshop; Public Consultation on CIPLS Zoning	POs, fisherfolks, LGU officials & employees, farmers, Bantay-dagat/ blue-brigade/ranger, boat operators, Coastal Law Enforcers, SB members of Inopacan & Hindang, PAMB members	380
Department of Economics (DOE)	Techniques and Methods in Data Collection; Introduction to Microeconomics; Training Workshop on Transforming Thesis Output into Publishable Article; Review in Agricultural Economics; Forum on Economic Literacy; Outreach Program: Gift giving services	Agricultural Technician, alternative learning for ATI scholars, DoEcon faculty & staff, BSA graduates, Econ majors, social organization, students, households in Quintolimbo, Ormoc City	303
Department of Business Management (DBM)	Seminar Workshop on Entrepreneurship and Business Proposal Making; Simple Record Keeping; Good Manufacturing Practices (GMP) on Ginger; Production Operations and Management; Training on Fish Processing; Seminar-Workshop on Vegetable Marketing; Business Planning; Livelihood Project Proposal Making; HACCP/GMP for Jackfruit; Livelihood Project Proposal Making; Business Planning Workshop for Dairy (Goats Milk) Products	Extension Workers, IP's PWD's & farmer leaders, ATI scholars, Vegetable Farmers, farmers/women associations, 4Hclub, Dairy Farmers	202
Institute for Strategic Research & Dev't. Studies (ISRDS)	Strategic Planning and Concept Building for a Comprehensive Full Value Chain in Agri-Fishery Business Enterprise that is Disaster Resilient in Giporlos, Balangiga, and Salcedo, E. Samar; Seminar on Human Right to Water and Sanitation for Gender and Dev't.; Training on Basic Water Right ; Regional Inter-University Project Development Writeshop on Rural Water and Service Delivery; Forum on the Ecological Basis of Love: Sexuality and the Environment; RTD on Climate Change and Industrial Policy Direction; Reorientation Training on BMIS Data Collection in Baybay City and its six (6) barangays; Synthesis Writeshop for DA-RFU-07 AMIA Project; Small Dosage Training on 2016 OPT+ tool 2016 Data Encoding; Training on New BNS-OPT+ Tool for BMIS Integration;	VSU GAD focal persons, Envi. students, LGU & PO rep., SCUs Research staff, VSU students, Brgy. Officials, BHW, BNS, BSPO, MHO, DA Project staff, DA Project staff, AER, PopCom officer, BSPO, BNS, Brgy. Kagawad, Merida BNS, Day-care Workers, VSU-Isabel RDE staff, Isabel LGU officials, PASARFdn, Inc.	201

DEPT/COLLEGE/ CENTER	TITLE OF TRAININGS CONDUCTED/ SERVICES RENDERED	TYPE OF CLIENTELE	NO. OF PARTICIPANTS
	Training on BMIS Encoding Using the New Version of the Software; Inception Planning Workshop of ELAC for the Salcedo Project; Field Interviewers' Training for Household Survey on Landuse Planning and Disaster Risk Management in the Philippines; Forum on Active Citizenship in Times of Change; Seminar on Opportunities of Digital Data Collection and Implementation of Open Data Kit; Round Table Discussion on Achieving Food and Nutrition Security (FNS) for the Philippines in the Context of the ASEAN Integration and the 2030 Sustainable Development Agenda; Round Table Discussion on Achieving Food and Nutrition Security (FNS) for the Philippines in the Context of the ASEAN Integration and the 2030 Sustainable Development Agenda; Training on BMIS Data; Training on BMIS Data Collection Using the Updated Questionnaire; Training on Nutripak Production; Training on Simple Record Keeping & Business Game; VSU-BIDANI-LGU-RDE Orientation Seminar and Consultative Meeting; Orientation Seminar on BIDANI; Early Child Care and Development (ECCD) Orientation Seminar; Barangay Development Plan Formulation-Workshop/Writeshop using the BIDANI Strategy	PHN, NWSSU students, Macrohon/ Mahaplag/ Abuyog/ Hilongos/Baybay LGU stakeholders, Inopacan 20 BDCs, MLGOO, MPDO	
Department of Computer Science & Technology (DCST)	Computer and Internet Literacy Training customized for Barangay Officials of Caridad, Maybog, Gacat, San Isidro, and Kansungka; Computer and Internet Literacy Training Customized for Elementary School Teachers of Caridad, Maybog, Gacat, San Isidro, and Kansungka; Training-Workshop on Class Record using Spreadsheets for ViSCA Foundation Elementary School (VFES) Teachers	Barangay officials and elementary school teachers of Brgys. Caridad, Maybog, Gacat, San Isidro, and Kansungka	38
Department of Geodetic Engineering (DGE)	Leveling the Old water system main line from Brgy. Pangasugan to Brgy. Marcos (Pipe length determination of the Brgy. Marcos Water System Project); Leveling the Old water system main line from Brgy. Pangasugan to Brgy. San Agustin (Pipe length determination of the Brgy. San Agustin Water System Project)	Barangay officials of Brgy. Marcos and Brgy. San Agustin	56
Department of Mechanical Engineering	Training on Welding NC II; Training on Electrical Installation and Maintenance	Faculty, staff, students	1,412
College of Nursing	Manpower Review for Non-Academic Staff	Day Care pupils of Brgy. Bunga, Baybay Leyte	70

DEPT/COLLEGE/ CENTER	TITLE OF TRAININGS CONDUCTED/ SERVICES RENDERED	TYPE OF CLIENTELE	NO. OF PARTICIPANTS
National Abaca Research Center (NARC)	Livelihood Training on Fiber Knotting and Twining; Training of Trainers on Abaca Production Technologies; Establishment and Management, and Disease Identification and Management; Inception Workshop on "Reviving the Abaca Industry in Eastern Visayas for Global Competitiveness; <i>In vitro</i> Conservation and Maintenance of Abaca Germplasm; Workshop on the Development of Abaca Proposals and Validation of the Abaca Summit 2015 Proceedings; Business Management Training; Development of Abaca Varieties Resistant to <i>Fusarium</i> Wilt: A Proposal; Scientist-led Farmer-implemented (PAR) on Comparison of Growth Performance of Different Abaca Planting Materials for Abaca Rehabilitation in Sogod, Southern Leyte; Pilot production and commercialization of abaca yarn, twine, and its derived products in Region VIII areas; technical briefings on abaca production, postharvest processing, and utilization to different kinds of visitors	Abaca farmers, visitors, housewives, faculty, researchers, students, government employees, businessmen, foreigners	1,791
National Coconut Research Center - Visayas (NCRC-V)	Info-drive on Coconut Pest Identification & Integrated Pest Management of Coconut and Production of Biological Control Agent (Parasitoids) for <i>Brontispa longissima</i> ; Value Orientation and Skills Training on Coconut-based Banana and Corn Intercropping, Pest Identification and Management; Training on Coconut Pest Identification and Integrated Pest Management and Production of Biological Control Agent (Parasitoids) for Coconut Lead Beetle; Value Orientation and skills Training on Coconut-based Banana and Corn Intercropping; Training Workshop on Nursery Establishment, Production, Fertilization, and Management; Training Course on Coconut Products and By-products Processing; Skills Training on Processing Makapuno Biscotti ; Training on Food Safety, Good Manufacturing Practices (GMP), and Sanitation Standard Operating Procedure (SSOP) for Virgin Coconut Oil Processing; Skills Training on Processing Coconut-based Food Products	Coconut farmers/ owners, PCA-CDOs of Leyte, LGUs of Mahaplag, Leyte, PWD participants, women, housewives	568
Graduate School (ODGS)	Curriculum Review for Graduate Programs; Graduate Students Orientation Program and Consultation Meeting	Graduate Faculty, graduate students & staff of ODGS, OPO, USSO & OVPI	150
Online Programs Office (OPO) & Multi-Media Development Center (MMDC)	Instructional Materials Development Workshop; facilitated different activities held in the University such as conferences, convention: 2 nd National Organic Agriculture Scientific Conference; PACE National Conference and General Assembly; Philippine Society of Animal Science - 34 th Philippine	20 faculty members of VSU Alangalang; Graduate faculty handling extramural courses	40

DEPT/COLLEGE/ CENTER	TITLE OF TRAININGS CONDUCTED/ SERVICES RENDERED	TYPE OF CLIENTELE	NO. OF PARTICIPANTS
	Society of Animal Science (PSAS)- Visayas Annual Scientific Conference and Convention, 1 st Philippine Society of Biochemistry and Molecular Biology - Visayas Chapter (PSMB-VC) Symposium on Advances in Biochemistry and Molecular Biology Research, Curriculum Review for Graduate Programs, Post-Valentine concert titled <i>Pasundayag sa Gugma</i> with the theme "Sonata ko handog mo", Training on Good Practice on Corn Processing; Training Workshop on Writing Scientific Paper for Peer-Reviewed Publication; Orientation on Online Survey Questionnaire Preparation; Training Workshop on R & D Proposal Development; Training Workshop on Writing and Reviewing Research Papers for Peer-Reviewed Publication; Wellness Seminar on Brain Attack; Food and Nutrition Security Workshop; Training Workshop on Participatory Rural Appraisal; Curriculum and Instruction Review; Faculty Development Planning; IP Management Training-Cum-Writeshop on Patent Claims and Specification Drafting; 3 rd Development Communication Praxis Conference; Food Value Chain Seminar; OBE Seminar Workshop; 28 th Regional RDE Symposium		
Quality Assurance Center (QAC)	Dry run for Level IV Phase 2 Program Accreditation; Workshop on Institutional Accreditation; Writeshop on Institutional Accreditation; Follow up Meetings for ISO, ISA, AACUP Program and Institutional Accreditations; Preliminary Survey Visit	Concerned Faculty and Staff of VSU Main & External Campuses	265
University Library	Lecture-Forum on Intellectual Freedom and Intellectual Property Rights	VSU students & Library staff	102
ODA-HRD	Re-orientation on Good Customer Services, Work Values and Anti-Red Tape Law; Training on Student Records Management System; Writeshop on Quality Procedure; Seminar-Workshop on Quality Procedure among VSU Hospital Staff; Re-orientation on Probationary Period and Jurisprudence on Probationary Status; CAS Strategic Planning-Workshop; Workshop to Review & Improve Citizens' Charter; Job Induction and Orientation/Re-orientation on Values, Gender and Development and Anti-Sexual Harassment; Orientation of RA 9184; Workshop on "Procurement Planning and Preparation of PMPs; Orientation on Probationary Period; Pre-Retirement Seminar; Strategic Planning Workshop & ISO 9001 Orientation; Orientation of Secretaries and Clerks	Faculty & staff of VSU Main/Tolosa/Alangalang, Isabel/Tolosa/Villaba; VSU Hospital staff, office heads & secretaries; newly promoted faculty and staff	969

DEPT/COLLEGE/ CENTER	TITLE OF TRAININGS CONDUCTED/ SERVICES RENDERED	TYPE OF CLIENTELE	NO. OF PARTICIPANTS
Security Services Management Office	Skills Training on First-Aid and Emergency Rescue; Re-orientation Seminar/ Workshop on Basic Life Support, Firefighting and Rescue Training; Hands-On-Training on the Use of Fire Extinguisher; Lecture/Drill on Disaster Risk Reduction Management; LTO Basic Road Rules and Defensive Driving Seminar; LTO Deputation Seminar & On-the-Job Training (OJT); Earthquake and Fire Lecture and Drill; Familiarization Training for VSU Emergency First Responders' Firefighters Team	VSU Emergency First Responders; DFST Staff & Personnel; VSU cadets; VSU staff, faculty/students; VSU plantilla security guards, BSHRTM students; VSU Emergency First Responders' Firefighters Team	998
Philippine Carabao Center @ VSU	Orientation Seminar to Farmer-Beneficiaries; CBED Orientation and Carabao Management Seminar; Carabao Development Program Orientation; Training on Silage Making; Training on Health Management; Knowledge and Learning Market Policy Engagement; Orientation Seminar on the Importance of Milk; Training on Milk Collection, Handling and Processing	Farmer beneficiaries, housewives of the farmer organization	250
VSU Alangalang	Orientation on Climate Change & Tree Planting Activity; Orientation on the Adopt-a-Barangay: Community Resource Management Project; Biodiversity Orientation Seminar; Organic Agriculture Training	Farmers, Community members of the different barangays of Alangalang town; Barangay officials	249
VSU Tolosa	Pagbahin hin Kinaadman (Fisheries Services and Technology Transfer); 9 th Eastern Visayas Fisheries R&D Congress; Short-Term Livelihood Training: Food Processing-Fish Products; Short-Term Livelihood Training: Food Processing-Root Crop-Based Products; Short-Term Livelihood Training: Food Processing-Meat Products; Training on Fish, Meat and Root Crop Processing; Net Mending Services; Net Mending and Net Construction Training; Reorientation on RA 9184 (Procurement Law) and Procurement Planning Workshop; Consultative Forum and Project Development Workshop on RDE Local Industrial Planning	VSU Tolosa faculty & staff, women and un-employed residents of Dulag & Julita, Tolosa fisherfolks, & Yolanda survivors of the different barangays of Julita & Dulag, Leyte	220
VSU Villaba	Benchmarking survey of BUFA; Training on Goat Raising and Management; Focus Group Discussion; Tutorial Class for the Reading Enhancement of Literacy Among Adult, Out-of-School Youths and Children; Farmers' Forum; Enhancement of Barangay Development Plan;	Farmers, LGU officials, housewives, Adult, children, students, OSY, NGO, PO, BUFA, LDS, DAR	260

GENERAL ADMINISTRATION



The VSU General Administration provides the needed management strategy in response to development priorities in instruction, research, extension, and production. It is composed of the Office of the President (OP), Office of the Vice President for Instruction (OVPI), Office of the Vice President for Research and Extension (OVPRE), Office of the Vice President for Administration and Finance (OVPAF), and Office of the Vice President for Planning, Resource Generation and External Affairs (OVPPRGEA) and the offices under them.

OFFICE OF THE PRESIDENT

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

1. The **Alumni and Community Relations Office (ACRO)** provided assistance to the VSU Alumni Association, Inc. in facilitating the 2016 Annual General Alumni Homecoming activities that was held on May 20-21, 2016 hosted by alumni batches 1976 and 1992; produced a four-page 11x17 tabloid issue of the VSU Alumni Notes; organized the conduct of *Lubok* Challenge as one of alumni activities during the VSU anniversary celebrations; provided assistance to visiting alumni during the VSU anniversary and other dates seeking assistance from ACRO regarding IDs, certifications, TORs and etc.; facilitated the giving of honor and recognition to golden jubilarians; organized the 92nd VSU Anniversary Fun Run in cooperation with the Institute of Human Kinetics (IHK) and 5 private sponsors which registered 1,211 participants and 67% of the proceeds was given to VSUAAI "Tabang Mo, Kaugmaon Ko" Scholarship Fund; organized and facilitated the conduct of an art exhibit for the scholarship fund dubbed as "BuloKasadpan II";

ACRO also conducted the following outreach activities: Seminar on Hygiene and Sanitation to parents and children of the Mahayahay Elementary School, Mahayahay, Baybay City, Leyte in coordination with the VSU Hospital doctors, nurses and staff; distributed slippers to school children of the Patag Elementary School and other children of the barangay through donations from alumni from the Oklahoma State University

and an alumnus from Australia; distributed slippers, school supplies and health items to school children and children of neighboring households of the Mahayahay Elementary School, Mahayahay, Baybay City through the financial support of the former head of the Alumni and Community Relations Office; conducted feeding to school children and children of neighboring household of the Mahayahay Elementary School for four times and also to some children in Guadalupe, Baybay City; installed a signage for the Mahayahay Elementary School which was donated by an alumnus in Australia; assisted some indigents of Barangay Mahayahay in availing of medical services through the VSU Hospital and providing them with medicines and other household needs through the support of an alumnus in Australia; and provided tour guide services to university visitors such as training participants, students, teachers, government workers, NGOs, farmers, walk-in tourists and many others.



Fun Run 2015

2. The **Legal Office** filed a criminal case for robbery with force upon things at the Regional Trial Court, Baybay City; conducted and prosecuted different erring VSU personnel as well as settled the formal charges against them; represented in court

hearings on cases in behalf of the University; acted on the complaints dropped in the "Suggestion Box" installed in the different places of the University; and acted on the complaints forwarded by the Office of the President.

OFFICE OF THE VICE PRESIDENT FOR INSTRUCTION (OVPI)

The Office of the Vice President for Instruction (OVPI, together with the colleges in the Main Campus and external campuses and six (6) offices, continued to uphold VSU's drive for academic excellence as a premier university of science and technology.

1. The **VSU Graduate School** and the **Online Programs Office (OPO)** continued to produce **GrandNewsLine**, the official newsletter of the Graduate School and the Online Programs Office. It also released the 2013 issue of the *Science and Humanities Journal* and was able to solicit articles for the 2014, 2015 and 2016 issues of the journal. Moreover, it reproduced an updated **2016 Graduate Study brochure**, that contains information on VSU's graduate curricular offerings, faculty, and learning resources, study options, admission requirements, and scholarships and financial assistance available to interested and qualified students; conducted a Graduate Tracer Study, together with the staff of OPO, to determine the employment status of those who finished graduate degree programs from VSU as well as information drive to promote the graduate degree programs of VSU including those offered extramurally.
2. The **Online Programs Office (OPO)**, which is composed of the Multimedia Development Center (MMDC), VSU Open University (VOU), and the VSU Printing Press (VPP), has continued to coordinate the distance education program of the University by offering some graduate courses online. It facilitated the review of instructional materials (IMs) prepared by faculty members of some academic departments in the VSU Main Campus. It

also continued to organize, co-coordinate and/or facilitate training-workshops on Instructional Materials Development and other topics, and to provide video documentation, video recording, video editing, printing and binding services to the faculty, staff and students of VSU. It has also continued to provide the faculty and students with access to its facilities. In 2016, the System Administrator was able to create 11 e-classrooms at the VSU Open University Course Site.

OPO-MMDC facilitated the processing or converting to text format, editing and uploading to e-learning site of 10 instructional materials used by distant education students and the technical review of four (4) IMs for undergraduate students developed by the faculty members of the College of



Focus Group Discussion with VSU Alumni working in Bohol during the conduct of the Graduate Tracer Study

Education. It also organized a training-workshops on Instructional Materials Development for the faculty of VSU Alangalang Campus and for the graduate faculty handling extramural courses. Moreover, OPO-MMDC continued to provide video documentation and other services to the various units in the university. The VSU Printing Press also continued to provide printing and binding services to faculty, staff and students of the university.

2. The **University Student Services Office (USSO)** supervised the implementation of the different programs and services for the development and welfare of the students; implemented the Daily Orientation of incoming freshmen and transferees in May until the beginning of the classes for 1st semester, 2016-17; prepared the needed documents for the AACCUP evaluation for Area IV: Support to Students for the different curricular programs evaluated (Preliminary Survey Visit and Level III Phase 1) and Area VI: Support to Students for the Institutional Accreditation in this year; prepared the documents for the ISO 2nd visit under the support services; conducted a benchmark visit to the MSU-IIT in Iligan City, MUST in Cagayan de Oro City, CMU in Musuan, Bukidnon and USEP in Davao City; facilitated the visit of CTU Student Affairs during their benchmark visit to VSU; collaborated with the Philippine Institute of Development Studies (PIDS) in monitoring and evaluating of the ESGP-PA program and performance of grantees.

The different units under USSO had accomplished the following: conducted guidance and counseling services to walk-in and referred clients; organized the programs for the USSO Awareness Days; designed and printed information, brochures, flyers on relevant topics and issues such as *How to Enjoy College in VSU*, *Advise for College Freshmen*, *Tips for Excellent Memory*, *Tips for Memorizing*, *Test Taking Strategies*, *Most Important Personality Development Tips*, *Managing Stress in*

College, *If It's Unwanted, It's Harassment*, *Keep Calm and Quit Drugs*, *Eat Less Crap: Eat More Food*, and *Life's Inspirational Messages*; assisted in the administration of psychological tests to various clients; interpreted test results of 1,604 examinees for different purposes such as counseling, vocational guidance, admission, vocational guidance, placement and readmission; undertaken the following programs, in coordination with other units in the university and other agencies or private entity, related to career development and placement: Employment Guide Program for 2nd Year Students on *Appreciating Skills*, Job-Seeking Seminar and Jobs Fair; collated, encoded, summarized and/or made statistical reports on the results of different evaluations conducted; profiled, summarized and made statistical reports of the demographic profile of the first year students; no visit to different high schools was conducted this year due to the implementation of the K-12 program; facilitated the processing of scholarship and grant applications for the VSU-funded, other agency-funded and privately-funded scholarships and grants; conducted the 2016 Annual Honors and Awards Convocation; hosted the University-wide 2nd ESGP-PA Grantees General Assembly; facilitated the application monitoring of student assistants from the different units of the university, Insurance Claims, ViscaSELF Loan and SAFE Loan Program; accommodated students to the 26 student dormitories; approved for recognition 74 student campus organizations during the school year 2016-2017; and coordinated 411 student organization activities which include community outreach, educational, socio-cultural, recreational, fund raising, and organizational development activities.

3. The **Office of the University Registrar (OUR)** issued 11,757 copies of transfer credentials, transcript of records, and certifications needed for employment, travel abroad, scholarship grants, licensure examinations, and other related purposes; evaluated and updated 10,879 records/

checklist of students; sent 21,854 copies of grades to the parents/guardians of students; monitored and followed-up 8,744 incomplete grades of students; received and recorded 4,557 completion of grades of students; prepared 2,097 diploma of all graduating students of the Main Campus and external campuses; prepared 2,097 identification cards of students and faculty; facilitated the preparation of necessary documents of the departments and colleges for accreditation purposes; computed and consolidated the full time equivalent (FTE) of enrolment of the Main Campus and external campuses for budget preparation; encoded in the database the records of graduates including in the past years; assisted in the conduct of orientation to the new students especially on the academic policies of the university; processed confirmation to the agencies and embassies verifying the records of students/graduates applying for work abroad; facilitated the authentication of diploma and other documents of students/graduates needed in their applications for employment and scholarships/assistantships in other countries; and assisted students in gathering data needed in their research/thesis and in their subject requirement.

Aside from the availability of grades ONLINE, parents and sponsors can now pay their children's school fees also online through Land Bank of the Philippines (LBP), VSU's depository facility; scanned old records can now be viewed through the VSU website; and requests for documents of VSU graduates such as certification and transcript of records can now be done through emails and the payment and sending of the requested documents can be made through a courier by requiring them to send a self-addressed or prepaid mailing envelope.

4. The **Office of the University Librarian (OUL)** started to utilize the third floor of the New Library building in September 2016; celebrated the Library and Information Services Month and the National Book Week by holding the following activities: Quiz Bowl

for college students, on-the-spot Poster Making contest for the high school students, Most Conscientious Library Patron Special Award for a masteral student, Film Showing for the VLHS students, and Lecture-Forum on Intellectual Freedom and Intellectual Property Rights for everybody.

The University Library acquired six (6) new filing cabinets, two (2) server cabinets, 19 units of state-of-the-art computers for students and researchers' use at the Computer Literature Services Unit, three (3) units of Smart PoE port internet switches for the connection of the newly-acquired computers to the internet infrastructure, eight (8) ceiling mount wireless access point to boost the Library Internet connectivity.

A new database Follett Destiny Library Manager (DLM) was installed and a one-week training on the operation of the database was conducted for the librarians. Moreover, a free access to online databases Infotrac and Emerald databases was available through CHED purchase.

6. The **Quality Assurance Center (QAC)** facilitated the completion and submission to CHED Regional Office all the required documents for SUC leveling and the documents were forwarded to the CHED Central office for final evaluation. Based on the result of the self evaluation of the four (4) key result areas (KRAs), the University has obtained points equivalent to a Level V institution.

QAC initiated the conduct of a workshop for Institutional Accreditation (Round 2) participated in by the Task Force Committees of the nine (9) areas to be evaluated and also a writeshop in order to come up with the Institutional Portfolio (IPs) for the nine (9) areas.

QAC assisted the different units within the university system and the task force committees to prepare the various documents needed in the AACCUP accreditation, ISO certification, CHED-SUC leveling, CHED-

Horizontal Typology, and CHED-ISA evaluation. It conducted a series of dry run for the eight (8) programs of the VSU Main Campus namely: BS in Agribusiness (BSAB), Bachelor of Animal Science (BAS), Bachelor in elementary Education (BEED), Bachelor in Secondary Education (BSED), MS Agriculture Cluster, MS Education Cluster, MAgDev Agriculture Cluster, and MAgDev Education Cluster before it was subjected to a national evaluation by the AACCUP National Accreditors for Level IV Phase 2.

It coordinated the successful accreditation of the eight (8) undergraduate programs of the Main Campus for Level III Phase I AACCUP Accreditation, namely: BS Biology, BS Food Technology, BS Computer

Science, BS Development Communication, BS Forestry, BS Agricultural Engineering, BS Chemistry and Doctor of Veterinary Medicine. In coordination with the various units in the University and external campuses, collated all the necessary documents for SUC Horizontal Typology classification because the University is aiming to be classified as a research university.

QAC facilitated the compliance of the requirements for submission for the associate membership application of VSU to the ASEAN University Network and it also coordinated the preparation of the requirements for the ISO certification of the University.

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

The Office of the Vice President for Administration & 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.

1. The **Security Services Office (SSO)** conducted the following: LTO Deputation Seminar, On-the-Job-Training (OJT) for VSU Security Guards, Lecture and Drill for Earthquake and Fire to the BS in Hotel, Restaurant and Tourism Management (BSHRTM) students, Familiarization Training Drill for the VSU Emergency First Responders' Fire Fighting Team; Skills Training on First-Aid and Emergency Rescue and Re-orientation Seminar/Workshop on Basic Life Support, Fire Fighting and Rescue Training for the VSU Emergency First Responders' Team conducted by the Bureau of Fire Protection (BFP) of Baybay City; prepared and implemented a peace and order standard operating procedures (SOP) on the following University activities: 63rd Commencement Exercises, 92nd VSU Founding Anniversary, 2016 Students'

Intramurals, and Faculty & Employees' Sports Fest; Hands-on-Training on the Use of Fire Extinguisher for the staff and personnel of the Department of Food Science and Technology (DFST); lecture/drill on Disaster Risk Reduction Management for the VSU ROTC Unit



During the Manpower Review for VSU's Non-Academic Staff conducted by the Office of the Vice President for Administration and Finance (OVPAF).

cadets/cadettes; served as Life Guards and peace and order personnel during the Regional SCUAA 2016 swimming competition at the VSU swimming pool; facilitated the renewal and implementation of the Gate-Pass sticker for motorized vehicles; continued the implementation of the "No ID, No Entry" policy for the students for campus security and safety, the "No License, No Entry" policy for motorists; reported the stealing of government properties and personal belongings to the Baybay PNP and turned-over to the owners or proper office the lost and found items; and immediate response to different emergency incidents like road accidents, fire alarm, and conduct of patients for medical treatment.

2. The **Office of the Director for Administration and Human Resource Development (ODAHRD)** prepared the revised Faculty Manual, Employees' Manual and the Administrative Manual for BOR approval; printed and distributed the SPMS Guidebook; made a manual on all the work instructions under ODAHRD; initiated and facilitated the different in-house trainings, seminars, orientations, workshops and the month-long celebration of the 116th anniversary of the Philippine Civil Service Commission (CSC) with different activities, namely: *First Aid and Rescue: Skills Training, Re-orientation on Good Customer Services, Work Values and Anti-Red Tape Law, Manpower Review for Non-Academic Staff, Orientation of CHED Scholars, Training on Student Records Management System for VSU-Tolosa Staff, VSU Faculty, Dorm Advisers and Staff Training on Basic Life Support, Fire Fighting and Rescue, Writeshop on Quality Procedure, Re-orientation on Probationary Period and Jurisprudence on Probationary Status, Seminar-Workshop on Quality Procedure among VSU Hospital Staff, CAS Strategic Planning-Workshop, Workshop to Review and Improve Citizens' Charter, Job*



Showing Demo on the different types of splinting done on a victim.

Induction and Orientation/Re-orientation of Newly promoted faculty and staff on values, gender and development and anti-sexual harassment at OVPAF, VSU, Orientation of RA 9184 among heads and secretaries and their responsibilities and accountabilities relative thereto, Procurement Planning Workshop Among Project Leaders and Personnel In-charge in Preparing PPMPs, Workshop on "Procurement Planning among Heads, Admin Staff & Personnel of VSU Villaba and Isabel in-charge in Preparation of PPMPs at VSU Villaba Campus, GAD Sensitivity Seminar Among Frontliners, Department/Office Heads and Center Directors, Re-orientation among VSU Security Guards and Forest Rangers, 1st batch, Orientation on Probationary Period among New Permanent Faculty Members & Administrative Staff, Health Awareness Forum with the Theme: "Season for Change", Workshop on "Procurement Planning among Heads, Admin Staff & Personnel of VSU Tolosa and VSU Alangalang in-charge in Preparation of PPMPs at VSU Tolosa Campus, Pre-Retirement Seminar, Orientation of Department, offices, Centers Secretaries and Clerks, and DFST Strategic Planning Workshop & ISO 9001 Orientation; processed the

documents for appointment and promotion of some VSU regular faculty and staff as well as the appointment of casual employees.

The **Records Office (RO)** is one of the offices under the supervision of ODA-HRD and during the year it started scanning and backing-up of permanent and archival records; conducted actual inventory of records including those displayed at the Archives Center; preserved records of permanent value; compiled Board of Trustees (BOT)/Board of Regents (BOR) resolutions for general reference; enlarged and framed archival pictures for display at the Archives Center as well as Certificates and Certifications for the Commission on Civil Service (CSC) Accreditation Center; delivered memoranda, notices, communications and mails to the different offices and addressees; provided postage requirements for official mails and dispatched them to the Post Office for mailing; filed communications received from other offices; and monitored daily attendance of administrative personnel as well as during Monday flag ceremonies and university-wide activities like Civil Service Month and *Alay Lakad*.

3. The **Office of the Director for General Services (ODGS)** is in-charged of the maintenance and improvement of the physical facilities of the University such as buildings, grounds and waste management, vehicles and equipments, water and sewerage system and power and electricity. During the year, the different units of ODGS had the following accomplishments:

- a. The **Infrastructure Development and Building Maintenance Unit (IDBMU)** completed the following infrastructure projects: construction of the second floor

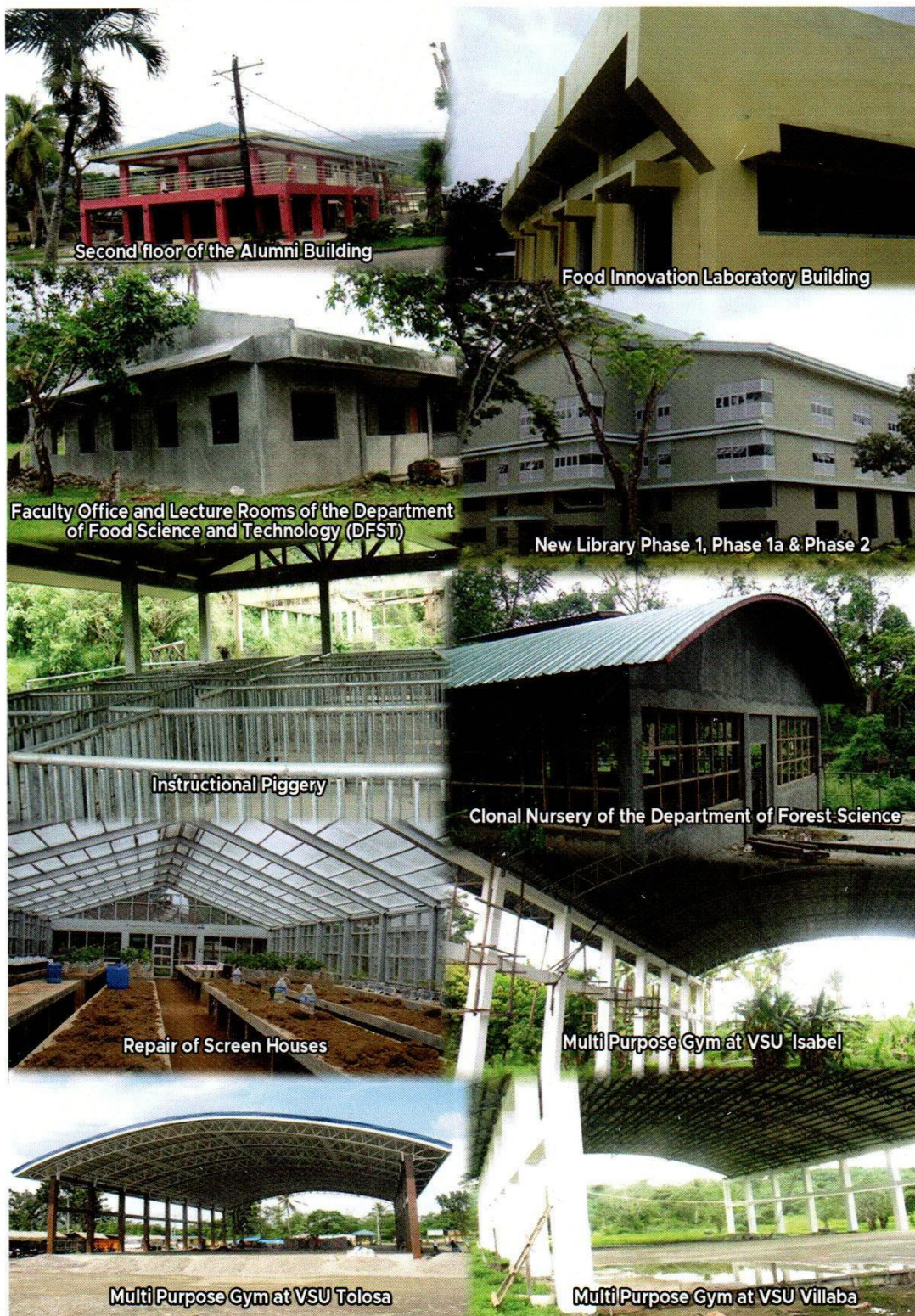
of the Alumni Building, Food Innovation Laboratory Building, Faculty Office and Lecture Rooms of the Department of Food Science and Technology (DFST), 3-storey New Library Building (Phase I, Phase IA & Phase II), Instructional Piggery, Clonal Nursery of the Department of Forest Science (DFS), faculty offices of the College of Veterinary Medicine (DVM) and the Department of Liberal Arts and Behavioral Sciences (DLABS); repair of Root Crops Building Complex, Duplex Cottage, General Services Division (GSD) Office, Front Desk of Hostel, and Screen Houses; conversion of Screen House into classrooms. Construction of buildings in the external campuses were also done by GSD, namely: VSU Isabel - Multi Purpose Gym, Academic Building and Laboratory Building; VSU Tolosa - Multi-Purpose Gym and Laboratory Building; VSU Villaba - Multi-Purpose Gym and Laboratory.

- b. The **Water and Sewerage Services Maintenance Unit (WSSMU)** improved the Upper Campus Water System at Magboto, Spring Development.



Upper Campus Water System, Magboto Spring Development

Construction of the following infrastructure projects.



VICE PRESIDENT FOR PLANNING, RESOURCE GENERATION AND EXTERNAL AFFAIRS (OVPPRGEA)

The Office of the Vice President for Planning, Resource Generation and External Affairs (OVPPRGEA) consolidated the 2015 Annual Report of the University, in coordination with other offices, and collected data for the normative financing, accreditation and other surveys. The OVPPRGEA supervised the following offices:

1. The **Office of the Director for Auxiliary Services (ODAS)** continued to monitor and coordinate the different income generating projects of VSU Main Campus which generated a total gross income of P41,516,982.98 which was 15.80% lower than the 2015 income (Table 12).

The **VSU Alangalang** realized a gross income of P136,967.00 from the sales of farm products and rental.

2. The **VSU Manila Office (VMO)** served as a liaison office of VSU and during the year it continued to make representations for the University President in meetings, fora and other functions in Manila, the Department of Budget and Management (DBM), Commission on Higher Education, Intellectual Property Office for application of utility model of Engr. Sinon, Office of Solicitor General for the deputation, DOF, and other agencies; facilitated the following: flight reservations of VSU personnel in traveling out of the country, travel clearance of VSU staff at DFA, CHED and Bureau of Immigration, extension of student visa of foreign students, request for certification from the Professional Regulations Commission (PRC), and request for messages of government officials in the national level during anniversary and commencement exercises; extended assistance to staff in processing/

documentation of travel papers with DFA and embassies, facilitated the registration of University vehicles; received parcels from VSU Main, Post Office and other couriers and were delivered to their addresses and also parcels and communication for the VSU Main; and extended accommodation to VSU personnel and other guests.

3. The **University Review Center (URC)** continued to implement the review classes for the Licensure Examinations for Agriculturists and Licensure Examinations for Teachers. Brochures and fliers were produced with the information on the dates of the examination and the deadline of submission of application of the different examinations and were distributed in the different schools in Leyte and Southern Leyte. The Agriculturists reviewees came from 11 different schools in Luzon and Visayas, excluding VSU Main and external campuses, while LET reviewees came from 19 schools from Leyte, Biliran, Southern Leyte, Bohol, Samar, Surigao, and Masbate provinces.

URC conducted performance evaluation of the reviewers and reviewees and the results showed that the performance of those who reviewed with URC was higher compared to the national passing. During the year, a gross income of P1,427,724.00 was generated by the Center.

Table 12. Gross income of projects monitored by the IGP Office for CY 2015 and CY 2016.

PROJECTS	2016	2015	Increase/ (Decrease)
RF-IGP			
Pavilion	14,882,957.75	18,119,502.90	(17.86)
Coconut Non-Food	2,021,406.80	1,279,443.91	57.99
Hostel	3,022,252.50	2,777,037.38	8.83
University Review Center (URC & CCE))	1,832,567.00	1,961,192.13	(6.56)
Printing Press	94,606.50	233,629.35	(59.51)
Coco Seedlings	31,880.00	46,426.00	(31.33)
Seednet (Pangasugan Area)	44,166.00	47,958.50	(7.91)
Seednet (Patag Area)	1,227,009.50	886,703.00	38.38
Guest House	43,891.00	137,250.00	(68.02)
PCA Seedlings	1,922,342.40	2,070,362.80	(7.15)
Horti Plant Nursery	385,877.61	1,246,991.64	(69.06)
VSU Bakery	3,050,464.00	778,512.00	291.83
VSU Garden Beach Resort	-	886,736.57	-
Seafront Suites	-	897,605.33	-
VSU Core Value Cottages	-	3,500,922.00	-
VSU Computer Center	-	501,353.00	-
VSU Spring Water	-	442,890.00	-
Sub-Total	28,559,421.06	35,814,516.51	(20.26)
Non-RF IGP			
VSU Bakery	-	2,678,365.49	-
VSU Apartelle	1,869,394.89	327,745.48	470.38
VSU Garden Beach Resort	1,082,658.00	233,574.32	363.52
VSU Core Value Cottages	2,196,895.96	295,713.98	642.91
VSU Market	655,043.96	873,014.13	(24.97)
VSU Hospital	1,321,939.90	1,356,698.00	(2.56)
VSU Computer Center	598,415.75	-	-
VSU Spring Water	649,588.83	82,149.00	690.74
Manila Lodging	509,435.00	537,990.00	(5.31)
Cebu Lodging	11,992.50	152,890.00	(92.16)
Bindery	526,073.00	640,587.00	(17.88)
Rootcrops	1,020,074.50	672,841.00	51.61
Convention Center	285,931.14	346,494.34	(17.48)
DASS (Soil Lab)	27,810.05	30,404.85	(8.53)
Feedmill	14,569.00	38,896.98	(62.54)
SDMU	87,046.20	142,159.14	(38.77)
Ornamentals	140,881.00	161,146.00	(12.58)
Makapuno	42,469.40	313,547.18	(86.46)
Horti Nursery/Plant Nursery I	-	15,650.00	-
Goat/Sheep	124,206.20	142,900.00	(13.08)
FARMI Demo Farm/FGS (FARMI-GIS)	-	645,410.00	-
Corn Seeds (DPBG Corn By-Product)	54,010.00	37,466.00	44.16
Locally Grown Seeds	186,381.00	102,450.00	81.92
Recreation Center	25,983.00	36,471.00	(28.76)
PPO Shops	94,000.00	1,771,714.80	(94.69)
Sustained Yield	66,680.00	199,020.00	(66.50)
Coco Intercrops	11,590.00	17,868.00	(35.14)
NARC Abaca Power Stripper	1,354,492.04	1,642,250.00	(17.52)
Sub-total	12,957,561.32	13,495,416.69	(3.99)
GRAND TOTAL	41,516,982.98	49,309,933.20	(15.80)

THE EXTERNAL CAMPUSES

1. The **VSU Alangalang** facilitated and processed the retirement of two (2) faculty and staff as well as the scholarship of seven (7) administrative staff under CHED K+12 Program; participated in the earthquake drill conducted by the Alangalang LGU; acquired different facilities and equipment during the year; acquired books, journals, magazines, etc. through purchase and received donations from the FAO and some of the faculty of VSU Alangalang; ongoing major repairs/repainting/construction include the perimeter fence, Dormitory Building and the Electro-Mechanics Building; and repaired and fabricated office furniture and fixtures.
2. The **VSU Tolosa** passed the Level I AACCUP Accreditation of the three programs, namely: Bachelor of Science in Fisheries, Bachelor of Elementary Education, and Bachelor of Secondary Education majors in Mathematics, Biological Sciences and MAPE; participated in the celebration of the 116th anniversary of the Civil Service Commission (CSC) by organizing different activities; and groundbreaking ceremony for the 3-storey Administration Building and Dormitory donated by the Korean International Cooperation Agency (KOICA) in June 2016;
3. The **VSU Villaba** had completed the construction of the following: Animal Health Laboratory Building, Plant Propagation Nursery Building, Multi-Purpose Gym, Comfort Rooms, and concrete drainage canals at the back of the Administration Building and Academic Buildings; renovation of the Chemistry Laboratory Room and stock room, Student Services Office, and walls and windows of the Administration Building; fabricated 10 classroom demo tables and 20 tile-top laboratory tables; purchased and installed five (5) glass-covered bulletin boards in strategic places of the College; installed four (4) water tanks

at the administration building, dormitories and cafeteria to ensure a continuous supply of water; acquired new references for the college library and the books were properly accessioned already; procured equipment and other supplies for the different departments and units; maintained the different income generating projects of the school; commemorated the 116th Civil Service Anniversary with the following activities: *Earthquake and Fire Drill, Workshop on Procurement Planning among Office Heads, Administrative Staff and Personnel in-charge in preparation of PPMPs, Orientation on Rule and Responsibilities as Government Employees, Bloodletting, and Seminar on Updates on CSC Law, Rules and Regulations.*

AWARDS OF ADMINISTRATIVE PERSONNEL

- **Dr. Lourdes B. Cano**, Director for Administration and Human Resource Development, was awarded with a *Certificate of Recognition* by the Philippine Association of State Universities and Colleges (PASUC) for her time, expertise and commitment in assisting PASUC comply the requirement of the Organization, Position and Classification and Compensation Bureau (OPCCB) of the Department of Budget and Management (DBM) by preparing the draft revised Organizational Staffing Standard (OSS) for State Universities and Colleges (SUCs) and defending it before the Technical Working Group TWG) and also before the PASUC Executive Board and finally preparing a final copy for submission to the Commission on Higher Education (CHED) and the DBM which paved the way in allocating and funding for creation of 15,000

faculty positions and an additional of 6,000 administrative positions to PASUC.

- VSU Main Campus gave awards to deserving personnel while external campuses also gave awards to their respective personnel during the founding anniversary celebrations.

MANPOWER RESOURCES

The VSU System had a total of 444 regular administrative personnel as of December 31, 2016, consisting of 377 in the VSU Main (2 PhD, 26 MS, 173 BS, and 176 undergraduate); 11 in VSU Alangalang (7 BS, 4 undergraduate); 19 in VSU Isabel (1 MS, 10 BS, 8 undergraduate); 18 in VSU Tolosa (1 MS, 12 BS, 5 undergraduate); and 19 in VSU Villaba (2 MS, 7 BS, 10 undergraduate).

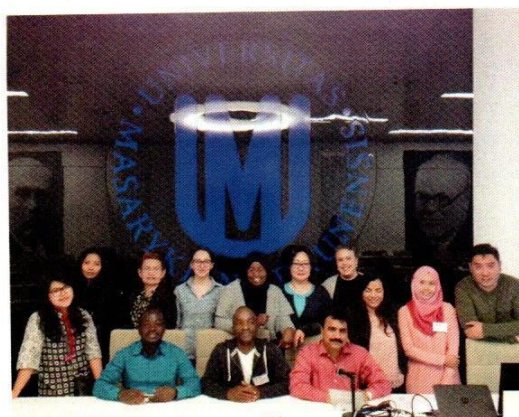
VSU Main Campus had 60 casual administrative employees and 26 Science Research Assistants with contractual status that work in research.

SEMINARS/TRAININGS ATTENDED

- Two VSU administrative personnel, **Atty. Rysan C. Guinocor**, VSU Legal Officer and **Ms. Wenifreda T. Oclinaria**, Administrative Officer II of the Office of the Vice President for Planning, Resource Generation and External Affairs (OVPPRGEA), availed of a one-month

mobility staff training from Erasmus Mundus through the EXPERTS-SUSTAIN of the Erasmus Mundus Action II (EMAC2) Program at the International Studies, Masaryk University in Brno, Czech Republic from April 8 to May 11, 2016. They participated in the Masaryk University Staff Training (MUST) Week International Relations activity workshops.

- In order to update the knowledge of administrative personnel of the new circulars/memo given by the different government agencies and other organizations, 307 personnel of the VSU System attended 176 trainings/seminars/workshops/conventions, of which 4 were international, 53 national, 31 regional, and 88 local.



Atty. Rysan C. Guinocor (standing rightmost) and Mrs. Wenifreda T. Oclinaria (standing 3rd from left), together with the other trainees, during their one-month staff mobility training at the International Studies, Masaryk University in Brno, Czech Republic.

STATEMENT OF FINANCIAL PERFORMANCE

For the year ended December 31, 2016

ALL FUNDS

	Note	2016	2015
Revenue			
Tax Revenue	21	-	-
Service and Business Income	22	99,852,277.80	209,556,162.98
Gains	39	21,125.00	-
Total Revenue		209,386,637.34	222,148,545.58
Less: Current Operating Expenses			
Personnel Services	24	428,913,244.81	401,705,081.54
Maintenance and Other Operating Expenses	25	215,336,311.55	202,434,751.46
Financial Expenses	26	200.00	321.00
Direct Costs		-	-
Non-Cash Expenses	27	51,637,911.18	27,129,937.69
Total Current Operating Expenses		695,887,667.54	631,270,091.69
Surplus/(Deficit) from Current Operations		(486,501,030.20)	(409,121,546.11)
Net Financial Assistance/Subsidy	28	721,338,454.60	650,238,449.94
Sale of Assets	29	3,000.00	-
Gains	29	407,944.61	1,138,569.12
Losses	29	(201,768.28)	(610,631.81)
Surplus/(Deficit) for the period		235,046,600.73	241,644,841.14

STATEMENT OF FINANCIAL POSITION

As of December 31, 2016

ALL FUNDS

	Note	2016	2015
ASSETS			
Current Assets			
Cash and Cash Equivalents	6	432,183,276.80	362,117,286.13
Investments	7	-	-
Receivables	8	91,899,741.17	85,419,303.80
Inventories	9	7,474,471.34	7,595,162.00
Other Current Assets	14	3,708,887.29	3,111,376.58
Total Current Assets		535,266,376.60	458,243,128.51
Non-Current Assets			
Investments	7	-	-
Investment Property	10	-	-
Property, Plant and Equipment	11	641,994,212.70	553,316,303.60
Biological Assets	12	391,040.00	424,925.00
Intangible Assets	13	4,258,319.87	7,517,699.20
Other Non-Current Assets	14	10,936,248.57	10,329,429.23
Total Non-Current Assets		657,579,821.14	571,588,357.03
TOTAL ASSETS		1,192,846,197.74	1,029,831,485.54
LIABILITIES			
Current Liabilities			
Financial Liabilities	15	53,442,554.15	116,189,896.52
Inter-Agency Payables	16	117,512,648.13	89,941,618.25
Trust Liabilities	17	16,882,804.98	12,334,770.65
Deferred Credits/Unearned Income	18	-	-
Provisions	19	-	-
Other Payables	20	40,699,631.85	57,239,499.73
Total Current Liabilities		228,537,639.11	275,705,785.15
Non-Current Liabilities			
Financial Liabilities	15	-	-
Trust Liabilities	17	251,503.94	-
Deferred Credits/Unearned Income	18	26,333,284.47	47,362,339.93
Provisions	19	-	-
Other Payables	20	6,380,725.83	-
Total Non-Current Liabilities		32,965,514.24	47,362,339.93
TOTAL LIABILITIES		261,503,153.35	323,068,125.08
TOTAL ASSETS LESS TOTAL LIABILITIES		931,343,044.39	706,763,360.46
NET ASSETS/EQUITY			
Accumulated Surplus/(Deficit)		931,343,044.39	706,763,360.46
TOTAL NET ASSETS/EQUITY		931,343,044.39	706,763,360.46

SIGNIFICANT EVENTS



- **Mr. Hisanori Kobayashi**, Chief Executive Officer of the Fukurokuen Co., Ltd. also called as the Foreign Host Establishment (FHE) based in Toyohashi City, Aichi, Japan, signed a Memorandum of Agreement (MOA) for college senior students of VSU who will undergo their internship in his establishment. Likewise, **Mr. Kenichi Tanaka**, Chief Executive Officer of the Tanaka Noen Co. Ltd., also signed a MOA to accept student interns in their company with some privileges.
- **Dr. Prose Ivy Guasa-Yepes**, a 1990 BS in Agriculture (Plant Protection major) *Cum Laude* graduate of the then Visayas State College of Agriculture (ViSCA), now VSU, who is currently the president of the Southern Leyte State University (SLSU), was the guest of honor and speaker during the VSU Honors and Awards Convocation on February 26, 2016 at the VSU Gymnatorium.
- **Dir. Imelda C. Laceras**, Regional Director of the Department of Budget and Management-Region VIII (DBM-R8), was the commencement speaker during the 42nd Commencement Exercises of the VSU-Alangalang on March 15, 2016.
- **Dir. Victoria F. Esber**, Regional Director of the Civil Service Commission of Region VIII (CSC-8), was the guest speaker during the 41st VSU-Tolosa Commencement Exercises on April 12, 2016.
- **Dr. Trinh Van My**, Director of Root Crops Research and Development Center (RCRDC) of Vietnam Academy of Agriculture Research, Vietnam, together with the researchers **Dr. Quach Ngoc Truyen**, **Mr. Nguyen Thieu Hung**, **Mr. Nguyen Manh Quy**, and **Ms. Hoang Thi Duyen**, as well as **Ms. Thu Thao Hoang**, Regional Administrative Coordinator of CIAT-Asia based in Hanoi, Vietnam were on a Study Mission on Taro/Root Crops Research in the Philippines on May 15-21, 2016 and they stayed at VSU for four (4) days. The Study Mission was facilitated by **Dr. Dindo M. Campilan**, Director of the



Mr. Bernardo H. Tocmo, Executive Vice President of the Philippine National Bank (PNB), was the guest speaker during the 63rd VSU Commencement Exercises

International Center for Tropical Agriculture (CIAT) Asia Region.

- **Mr. Bernardo H. Tocmo**, a 1982 BS in Agribusiness (BSAB) graduate of the then ViSCA and now VSU, presently the Executive Vice President of the Philippine National Bank (PNB), was the guest speaker during the 63rd VSU Commencement Exercises on April 13, 2016.
- **Engr. Joel O. Pilapil**, a 1982 BS in Agricultural Engineering (BSAE) graduate of ViSCA and now VSU, the current OIC-Regional Manager of the Philippine Coconut Authority-Regional Office VIII (PCA-RO8), was the commencement speaker in the two VSU Campuses, namely: morning of April 16, 2016 at VSU Villaba and VSU Isabel in the afternoon.
- **His Excellency Kim Jae-Shin**, Ambassador Extraordinary and Plenipotentiary of the Republic of Korea to the Republic of the Philippines, led the ceremonial groundbreaking at the site where the two three-storey buildings in VSU Tolosa will be constructed on June 17, 2016.

- The **National Abaca Research Center (NARC)** won the *1st Runner-Up* for the *Best Booth* under the Research Center Category during the 92nd VSU Anniversary on August 10, 2016.
- Retired professor in engineering and technology, **Professor Vassilis Gekas** of the Cyprus University of Technology in Greece, visited VSU and conducted a lecture and shared his research in bioconversion and functional foods on October 11, 2017.
- VSU in cooperation with some colleges, departments and institute of the University and other agencies, hosted international, national, regional and local meetings, trainings, workshops, seminars, forum, and conferences during the year, as follows:
 - ✓ *1st Philippine Society of Biochemistry and Molecular Biology (PSBMB-Visayas Chapter) Symposium on Advances in Biochemistry and Molecular Biology Research* on January 15, 2016 at the Center for Continuing Education (CCE) of VSU which was participated in by 130 faculty, researchers, graduate and undergraduate students from Eastern Visayas State University (EVSU), Cebu Normal University (CNU), Bohol Island State University (BISU), Southern Leyte State University (SLSU), Silliman University (SU), University of the Philippines Visayas-Tacloban College (UPV-TC), and Visayas State University (VSU). The symposium was spearheaded by VSU's Department of Biological Sciences (DBS) and Department of Pure and Applied Chemistry (DoPAC) and the Philippine Society of Biochemistry and Molecular Biology (PSBMB)-Visayas Chapter.
 - ✓ *2nd National Organic Agriculture Scientific Conference* on February 16-20, 2016 at the VSU Convention Hall with the theme "Go organic... for health, resiliency, and sustainability" which was organized by the Organic Agriculture Society of the Philippines (OASP).
 - ✓ *2016 First Discussion on the National Greening Program (NGP) with Partner State Universities and Colleges (SUCs)* on March 14-16, 2016 at the Center for Continuing Education (CCE) organized by the Ecosystems Research and Development Bureau (ERDB) of the Department of Environment and Natural Resources (DENR) which gathered some officials, experts, and scientist from various SUCs all over the country as well as some officials and environmentalists from ERDB and DENR.
 - ✓ *9th International Undergraduate Research Symposium (IURS)* on May 16-20, 2016 at the Center for Continuing Education (CCE) with 30 local and international participants composed of faculty and students from Wilmington College, Chicago State University, University of Serbia and Montenegro, Tarlac State University, University of the Philippines Visayas-Tacloban College, and Visayas State University.
 - ✓ *34th Philippine Society of Animal Science (PSAS)-Visayas Scientific Conference and Annual Convention* on July 13-15, 2016 at the VSU Convention Hall with the theme "Livestock Systems: Addressing Food Security Amidst Climate Change and ASEAN Market Integration."
 - ✓ *Philippine Association of Communication Educators (PACE) National Conference 2016* on June 1-3, 2016 at the VSU Convention Hall with the theme, "Traversing the Terrain: Elections and Civil Society."
 - ✓ Phi Delta Science Society (PDSS) of VSU conducted a *writeshop* to help

junior researchers publish results in refereed journals on June 6-9, 2016 at the Multimedia Development Center with a total of 19 participants from University of the Philippines at Los Baños (UPLB), Bohol Islands State University (BISU), Northwest Samar State University (NSSU), Misamis Oriental State College of Agriculture and Technology (MOSCAT), and VSU.

- ✓ *Forum on Mainstreaming Gender in Higher Education Institutions in Region VIII* on June 16, 2016 at the VSU Convention Center which was spearheaded by the Eastern Visayas Association for Gender and Development (EVAGAD). The forum sought to identify the gender issues and challenges prevalent among HEIs and the corresponding plan of action for these concerns. Participants were from Abuyog Community College (ACC), Eastern Samar State University (ESSU), Eastern Visayas State University (EVSU), Franciscan College of the

Immaculate Conception (FCIC), Maasin City College (MCC), Naval State University (NSU), Palompon Institute of Technology (PIT), Saint Joseph College, (SJC), Samar College, Samar State University (SSU), Southern Leyte State University (SLSU), University of Eastern Philippines (UEP), and the VSU System including the VSU Senior High School department.

- ✓ *Updating and Enhancing the Technical Capacity of Rainforestation Practitioners and Trainers* on June 16-17, 2016 at the VSU Hostel Function Room which was organized by the Rain Forest Restoration Initiatives (RFRI) and was attended by 50 rainforestation advocates from various communities in the Visayas. The technical conference enabled the participants to listen to new studies and findings of native tree species as they rubbed elbows with their co-participants and learned from their experiences and vice-versa.

COLLABORATION



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

Fukurokuen Co. Ltd. or Foreign Host Establishment (FHE) based in Toyohashi City Aichi, Japan – to accommodate and accept qualified agriculture student-interns who are recommended by VSU to acquire practical knowledge, skills and desirable attitudes in a multicultural work environment for a period of six months to one year.

Tanaka Noen Co. Ltd – for student internship in Japan with privileges as stated in the MOA.

The Agro-Industries, The International Centre for Agricultural Studies in Israel Ltd. – for cooperation and training of students in educational projects in agriculture.

The University of the South Pacific – for mutual cooperation in teaching, research and extension activities.

Thunen-Institute of International Forestry and Forest Economics – for cooperation in strategic research on forestry and environmental management.

NatureLife International, Inc. – for the implementation of the project entitled “Sustainable Generation of Ecosystems Services from VSU Forest Reserve.”

International Pharmaceuticals Incorporated (IPI) Foundation, Inc. – for the educational enhancement programs in the form of book donations to indigent communities.

Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA), Local Government Unit of Inopacan, Leyte (LGU-Inopacan) and Visayas Consortium for Agriculture and Aquatic Resources Program (ViCAARP) – for the project entitled *Piloting Models of Inclusive and Sustainable Agriculture and Rural Development (ISARD): Strengthening Linkages Among Farmers, Government and*

Industry Sectors for Inclusive and Sustainable Rural Development in Inopacan, Leyte.

University of Suwon, Republic of Korea – to engage in cooperative educational and research programs for faculty and students which include faculty and student exchange, collaborative research programs, seminars, workshop and service programs.

The Canadian Centre for International Studies and Cooperation (CECI) and the Center for Emergency Aid and Rehabilitation, Inc. (CONCERN, INC.) – *for the implementation of part of the Component 1: Access to Sustainable and Resilient Livelihoods for Women and Men Active in the Agricultural and Fisheries Sectors of the TUKOD Project.*

Climate Change Commission-Climate Change Office (CCC-CCO) – to conduct training on vegetable and root crop production for selected barangays covered by the Resilience and Preparedness towards Inclusive Development (RAPID) program under Project Climate Twin Phoenix (PCTP) and for the academic and technical capabilities for the implementation of the project to build and enhance climate change and disaster risk resilience of communities and ecosystems through the Communities for Resilience (CORE) initiative.



VSU signed a memorandum of agreement with the Climate Change Commission (CCC) to implement a vegetable and root crop production project.



MOA signing by Dr. Edgardo E. Tulin (center, seated), Dr. Claus-Peter Hutter (left, seated) and Dr. Wolfreda T. Alesna for the sustainable generation of ecosystems from VSU Forest Reserve with the staff of the College of Forestry & Environmental Science (CFES) as witnesses.

City Government of Baybay, Leyte – for the implementation of the project entitled *Rehabilitation Strategies for Critical Mangrove and Coastal Forests in Coastal Communities of Western and Northwestern Leyte*.

Philippine Associated Smelting and Refining Corporation (PASAR) – for the implementation of the project entitled *Rehabilitation Strategies for Critical Mangrove and Coastal Forests in Coastal Communities of Western and Northwestern Leyte*.

Center for the Development of Sustainable Communities for Social Progress Inc. (CDSCP) and Camansihay Farmers' Association (CFO) – for the implementation of the project entitled *Coconut-Based Intercropping with Banana and Corn as Livelihood Options for Communities in Brgy. Camansihay, Tacloban, Leyte: An S&T Community-Based Farm (STCBF) Approach*.

ViSCA Foundation for Agricultural and Rural Development (ViFARD), Inc. – for the implementation of the project entitled *Localizing Industrial Development Planning for Job Creation, Resiliency and Inclusive Growth (for the Municipalities of Tolosa, Leyte and Salcedo, Eastern Samar) Phase 2*.

Bureau of Agricultural Research (BAR) and International Center for living Aquatic Resources – for the implementation of the project entitled *Suitability Assessment and Mapping to Support Development of Resilient Communities and Livelihoods in Selected Vulnerable Communities in Leyte*.

Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARD), Aklan State University (ASU) and Caraga State University (CSU) – for the implementation of the project entitled *Plantation Management for Natural and Newly Established Stands of Sago Palm (*Metroxylon sagu* Rottb.) in Visayas and Mindanao*.

Oxford Committee on Famine (OXFAM) and ViSCA Foundation for Agricultural and Rural Development (ViFARD) – for the implementation of the project entitled *Building Sustainable and Resilient Land-based Livelihoods through Root Crop-based Enterprises in Yolanda Affected Communities of Eastern Samar*

Department of Science and Technology (DOST) – for the renewal of the DOST-GIA program entitled *PHIL-LIDAR 2. Nationwide Detailed Resources Assessment Using LIDAR Program B. LIDAR Data Processing*.

Modeling and Validation for Nationwide Resources Assessment Project 9. LIDAR Data Processing, Modeling and Validation by SUCs and HEIs for the Detailed Resources Assessment in Eastern Visayas (Region 8)

Department of Agriculture-Regional Field Office No. VIII (DA-RO 8) – for the supply of 21,084,875 pieces of edible cassava planting materials thru the VSU-PhilRootCrops for the Typhoon Ruby Rehabilitation Plan of DA-RO8 as intervention for the affected farmers.

Philippine Statistical Research and Training Institute (PSRTI) – for the conduct of statistical researches and non-degree statistical training courses for the Philippine Statistical System (PSS) and undertake regional training of teachers of Statistics in the K to 12 Basic Education Program.

Commission on Higher Education (CHED) – on the priority fields under the K to 12 Transition Program Graduate Scholarships

Ateneo de Manila University (ADMU), Central Luzon State University (CLSU), De La Salle University (DLSU), Mindanao State University-Iligan Institute of Technology (MSU-IIT), University of the Philippines (UP), University of Santo Tomas (UST), University of San Carlos (USC), Visayas State University (VSU), and Science Education Institute (SEI) – for the expansion of the coverage of the National Science consortium to accelerate the production of high level S & T human resources in the country where the DOST graduate scholars can go for their MS and PhD degrees.

Municipal Government of Macrohon, Province of Southern Leyte and the Association of Barangay Captains (ABC), Macrohon, Southern Leyte Chapter – for the implementation of the Barangay Integrated Development Approach in Nutrition Improvement (BIDANI) program in their municipalities.

AWARDS RECEIVED BY STUDENTS FOR SY 2015-2016

NAME OF AWARD	RECIPIENT	AGENCY/COMPETITION	DATE
INTERNATIONAL LEVEL			
Grand Champion - Outstanding Student Research Paper	Mary Jane P. Pepe	Young Economist Convention (YEC) International Round	July 1-2, 2016
1 st Runner Up - Outstanding Student Research Paper	Christopher A. Llonas	Young Economist Convention (YEC) International Round	July 1-2, 2016
Best Output Presentation (Food Industry Tour)	Maria Norfrelij Cuadra Brayan Bornias Melogen Gold Bandalan Ria Jayne Tabinas	Kasetsart University, Dept. of Ag. Ext. & Ministry of Agric. & Coop.	Sept. 9, 2016
NATIONAL LEVEL			
2016 Outstanding AE Student Leader Champion, GIS Speed Mapping Competition	Jessie James D. Layan	66 th PSAE Nat'l. Convention	Apr. 24-30, 2016
Champion - Ag. Engineering Logo Making Contest	Feliciano L. Sinon, Jr.	66 th PSAE Nat'l. Convention	Apr. 24-30, 2016
1 st Runner Up - Undergraduate Thesis Competition	Cristobal M. Tardo Francis P. Diocton	66 th PSAE Nat'l. Convention	Apr. 24-30, 2016
2 nd Runner Up - Contemporary Dance Contest	Rhea B. Oca Christine L. Moncada Mary Daphny O. Tumala	66 th PSAE Nat'l. Convention	Apr. 24-30, 2016
Mr. PSAE- PPG Mr. Photogenic Mr. Congeniality	Jaysonh B. Lua	66 th PSAE Nat'l. Convention	Apr. 24-30, 2016
4 th Runner Up - Ms. PSAE- PPG Ms. Photogenic Most Charming Best in Formal Attire	Frencher B. Albarico	66 th PSAE Nat'l. Convention	Apr. 24-30, 2016
Best in Econometrics Best in Microeconomics Best in Macroeconomics	Karl John Galvez	Summer School Program, Dept of Econ., UPLB	Aug. 2016
Silver Award - Under-graduate Research Paper	Irish Jane Calungsod	EDCEP- ADCEP Convention	

NAME OF AWARD	RECIPIENT	AGENCY/COMPETITION	DATE
REGIONAL LEVEL/ PROVINCIAL LEVEL			
Regional Champion, 2016 RAATI	VSU ROTC Unit	8 RCDG, Phil Army	Feb. 2, 2016
1 st place - Outstanding Research Paper Awards	Christopher Llonas	2016 Young Economists Convention (YEC) - Visayas Cluster	Feb. 5, 2016
2 nd place - Outstanding Research Paper Awards	Mary Jane P. Pepe	2016 Young Economists Convention (YEC) - Visayas Cluster	Feb. 5, 2016
1 st place - Policy Making Competition	Rhena Jane Soria Therese Ratilla Ma. Prescilla Balo	2016 Young Economists Convention (YEC) - Visayas Cluster	Feb. 5, 2016
2 nd place - Policy Making Competition	Wendy Enerlan Romulo Jay Saloma Willa Rose Contapay	2016 Young Economists Convention (YEC) - Visayas Cluster	Feb. 5, 2016
1 st place - 2016 Regional Festival of Talents	Marigold G. Lao	Yes-O Camp & Science Math Fair	Oct. 13-15, 2016
2 nd place - Vocal Duet	Angela De Veyra Diaz Jores Jay N. Truya	Regional PASUC Culture and the Arts Festival	Nov. 10, 2016
2 nd place - Radio Drama	Ria Micate Mark Michael O. Unlu-cay Anfra Cajano Perlyn Fernandez Joy Salve	Regional PASUC Culture and the Arts Festival	Nov. 10, 2016
3 rd place - Essay Writing	Jucel Marie T. Guatlo	PASUC Region 8 Naval, Biliran	Nov. 10, 2016
3 rd place - Instrumental Solo	Ma. Frances Nieve C. Ceniza	PASUC Region 8 Naval, Biliran	Nov. 10, 2016
2 nd place - Science Poster-Making Contest (College level)	Jessie C. Devaras (VSU Tolosa)	POSTE	Nov. 18-20, 2017
INSTITUTIONAL/LOCAL			
1 st place - Grade 7	Mc Japhet Aaron Tayum Evi Carille Kimball Fabiolas	Metrobank & DepEd Math Challenge	Feb. 5, 2016
1 st place - Grade 8	Serge Franz T. Ibo Jan Michael Y. Cormanans	Metrobank & DepEd Math Challenge	Feb. 5, 2016
1 st place - Grade 9	Marion Joseph L. Uy Leanne Marie A. Loreto	Metrobank & DepEd Math Challenge	Feb. 5, 2016
3 rd place - Grade 10	Wayne D. Notarte Lance M. Morquianos	Metrobank & DepEd Math Challenge	Feb. 5, 2016

NAME OF AWARD	RECIPIENT	AGENCY/COMPETITION	DATE
Winners of On-the-Spot Drawing Contest	1 st place - Haniel Napoles 2 nd place - Lyda Tan 3 rd place - Kimberly Pantoja	VSU Library	Feb. 12, 2016
Leadership Award	Arnil Al G. Castañares	VSU Main	Feb. 26, 2016
Endeavour Award	Melben P. Bundocan	VSU Main	Feb. 26, 2016
Outstanding Undergraduate Thesis in Fisheries and Best on-the-Job Trainee	Manilyn O. Llenares	VSU Tolosa	April 12, 2016
Outstanding Student Teacher in Elementary Education	Angelica R. Regonios	VSU Tolosa	April 12, 2016
Outstanding Student Teacher in Secondary Education	Sharmae B. Caputilla	VSU Tolosa	April 12, 2016
Outstanding Criminology Intern	Jeremiah P. Reazon	VSU Tolosa	April 12, 2016
Best Undergraduate Thesis in Capture Fisheries	Argie L. Padrigano	VSU Tolosa	April 12, 2016
Best Undergrad Thesis in Fish Processing Technology	Jomelyn S. Kempis	VSU Tolosa	April 12, 2016
Best Undergraduate Thesis in Aquaculture; Best-On-The-Job Trainee; and Leadership Award	Mary Ann B. Madeja	VSU Tolosa	April 12, 2016
Best Undergraduate Thesis Poster	Privy Jane C. Cadlum	VSU Tolosa	April 12, 2016
Best in Student Teaching in Elementary Education	Arjie C. VeronaSarah Joy R. Setosta Edralyn T. Matonog Jeffrey R. Berecio Jerra Mae M. Mercado Lovely Joy A. Suyom Rose Ann H. Tapa Princess D. de Castro Reyann E. Venigas	VSU Tolosa	April 12, 2016
Best in Student Teaching in Secondary Education	Apple M. Durana Joda V. Advincula Kieren Camille D. Tobilla Teodoro A. Perez IV Jhardin D. Milo	VSU Tolosa	April 12, 2016
Most Cooperative Award	Christian Paul C. Puda	VSU Tolosa	April 12, 2016
Academic Excellence Award	Jennilou G. Cortes	VSU Main	April 13, 2016
Outstanding Graduate Thesis Award	Roxanne Pille	Phi Delta -VSU	April 13, 2016

NAME OF AWARD	RECIPIENT	AGENCY/COMPETITION	DATE
Outstanding Undergraduate Thesis - Business and Economics Category	Margil Angcajas	Phi Delta -VSU	April 13, 2016
Outstanding Undergraduate Thesis - Social Science Research	Dhea Maureen D. Millana	Phi Delta -VSU	April 13, 2016
Outstanding Undergraduate Thesis - Pure Life Science Category	Ea Kristine Clarisse B. Tulin	Phi Delta -VSU	April 11, 2016
Outstanding Undergraduate Thesis - Physical & Environmental Science Category	Ma. Carisse M. Compendio	Phi Delta-VSU	May 4, 2016
1 st place - EDSA Poster Making Contest	Alexandra Iligan	Baybay City LGU	July 28, 2016
2 nd place - EDSA Poster Making Contest	Alonica Mae Donayre	Baybay City LGU	July 28, 2016
3 rd place - EDSA Poster Making Contest	Mikee Pasayloon	Baybay City LGU	July 28, 2016
2 nd place - Physics Quiz Show	Kenneth Carlo Milleza Lance M. Morquianos Athena Valerie Casangcapan	Baybay City LGU	July 28, 2016
3 rd place - Physics Quiz Show	Wayne D. Notarte Joemar Serot Neca Jane Malacora	Baybay City LGU	July 28, 2016
2 nd place - Mural Painting	Alonica Donayre Rhea Alkuino Micky Pasayloon Giannette Castañas	Baybay City LGU	July 28, 2016
Champion - Voice of VSU 2016	Jester James E. Lora (CME-VSU Main)	VSU Main	Aug. 5, 2016
1 st Runner Up - Voice of VSU	Lovely Dianne C. Lopez (VSU Tolosa)	VSU Main	Aug. 5, 2016
2 nd Runner Up - Voice of VSU	Runnel John M. Barbusa (CoEng-VSU Main)	VSU Main	Aug. 5, 2016
1 st place - Lawn Tennis	Jules Lucas Cari Giorgia Anica Cari Joshua Ramon Torres	Baybay City Meet	Sept. 9-10, 2016
1 st place - Table Tennis	Ann Gay Vestra	Baybay City Meet	Sept. 10, 2016
1 st place - Taekwondo	Rhea Jayzel Alkuino	Baybay City Meet	Sept. 10, 2016
1 st place - Life Science (Individual Category)	Marigold G. Lao	VSU Main	Sept. 19-20, 2016

NAME OF AWARD	RECIPIENT	AGENCY/COMPETITION	DATE
2 nd place - Life Science (Individual Category)	Lorenn M. Laurente	VSU Main	Sept. 19-20, 2016
3 rd place - Life Science (Individual Category)	Kate A. Margallo	VSU Main	Sept. 19-20, 2016
1 st place - Life Science (Group Category)	Caila Venice M. Sukanob Aradel Mae B. Tanaid Verna Ruth J. Dagoro Kimberlyn C. Gofredo	VSU Main	Sept. 19-20, 2016
2 nd place - Life Science (Group Category)	Norberto Bonnin U. Baluran Christian Mar L. Bengalan Arvin Rey B. Bermudo Miguel Angelo V. Masendo El Jireh R. Sepulveda	VSU Main	Sept. 19-20, 2016
3 rd place - Life Science (Group Category)	Dianne P. Dacera Dazel Dine S. Cortes Erika C. David Kyle Louis S. Miraflor Patrick Ian T. Plimaco	VSU Main	Sept. 19-20, 2016
1 st place - Physical Science (Group Category)	Mar Angelo C. Jadina Swen Roy T. Labra Frederic Jasper M. Baldos	VSU Main	Sept. 19-20, 2016
2 nd place - Physical Science (Group Category)	Aljeyanna A. Lagrosa Josslyn A. Garces Christian Paul Syjico Kenneth Paul P. Laude Franz Andreu G. Cabrito	VSU Main	Sept. 19-20, 2016
3 rd place - Physical Science (Group Category)	Trisha Mariel B. Trigosa Maria Eloisa P. Pozon Dominic Piolo L. Cardines Allyza Mae B. Selario Ed Lorenz M. Estillore	VSU Main	Sept. 19-20, 2016
1 st place - Social Science (Group Category)	Ellam Marie O. Bagarinao Sweet Jelaine Managbanag Michelle E. Medallo Jan Luziel D. Moreno Inah Vishen V. Ocinarina	VSU Main	Sept. 19-20, 2016
2 nd place - Social Science (Group Category)	Fritz C. Miranda Jhed Caesar O. Valenzona Jefferson O. Ababat Franz Aldrin M. Soria Jean Van Dale O. Loreto	VSU Main	Sept. 19-20, 2016
3 rd place - Social Science Category	Jean Claude B. Cuadra	VSU Main	Sept. 19-20, 2016
1 st place - Best Research Poster	Laarnie Rose Ampo Jeralyn Bagarinao Gianette Lind Castañas Janna Dargantes Kimberly Muñoz	VSU Main	Sept. 19-20, 2016

NAME OF AWARD	RECIPIENT	AGENCY/COMPETITION	DATE
2 nd place - Best Research Poster	Jelaisha Rose G. Roca Abijah Gil M. Valdevieso Charles Fritz C. Posas Hermogenes T. Centes, Jr. Danica Gay R. Borci	VSU Main	Sept. 19-20, 2016
3 rd place - Best Research Poster	Caila Venice M. Sugano bAradel Mae B. Tanaid Verna Ruth J. Dagoro Kimberlyn C. Gofredo	VSU Main	Sept. 19-20, 2016
2 nd place - Copyreading and Headline Writing	Van Marie Editha G. Cagasan	DepEd Division Schools Press Conference	Sept. 21-23, 2016
2 nd place - Sports Writing	Aijiel Lysent Talisik	DepEd Division	Sept. 21-23, 2016
1 st place - Math Quiz Written (Individual Grade 10)	Marion Joseph L. Uy	DepEd	Sept. 27, 2016
2 nd place - Math Quiz Written (Individual Grade 7)	Marvince G. Lao	DepEd	Sept. 27, 2016
2 nd place - Math Quiz Written (Individual Grade 9)	Serge Franz T. Ibo	DepEd	Sept. 27, 2016
1 st place - Math Quiz Oral (Team Grade 7)	Dylan Kirby B. Mahilum Joemar B. Yap	DepEd	Sept. 27, 2016
1 st place - Math Quiz Oral (Team Grade 8)	Trisha Marie B. Estillore Evi Carille Kimball M. Fabiolas	DepEd	Sept. 27, 2016
1 st place - Math Quiz Oral (Team Grade 9)	Mharjonz Rey B. Comota Jan Michael Y. Cormaness	DepEd	Sept. 27, 2016
2 nd place - Math Quiz Oral (Team Grade 10)	Leanne Marie A. Loreto Jules Uel Evan C. Boldo	DepEd	Sept. 27, 2016
1 st place - Poster Making Contest	Alexandra Ilagan	VSU HS Library	Nov. 16, 2016
2 nd place - Poster Making Contest	Sofia Beatriz L. Punzalan	VSU HS Library	Nov. 16, 2016
3 rd place - Poster Making Contest	Joy Lynn F. Ramos	VSU HS Library	Nov. 16, 2016
Book Geek Award	Marigold G. Lao	VSU HS Library	Nov. 16, 2016
3 rd place - Quiz Show (Drug Abuse Prevention & Control Week 2016)	Jules Uel Evan Boldo Marigold G. Lao Leanne Marie Loreto	Baybay City LGU	Nov. 22, 2016
3 rd place - Mural Painting Contest (Rice Awareness Month Celebration 2016)	Alonica Mae Donayre Maria Alexandra Ilagan Micky Pasayloon	Baybay City LGU	Nov. 22, 2016

AWARDS RECEIVED BY VSU PERSONNEL FOR CY 2016

NAME OF AWARD	RECIPIENT	AGENCY	DATE
INTERNATIONAL LEVEL			
2016 Dean's Prize for Best Thesis	Mr. Mark C. Ratilla	Masaryk University, Czech Republic	July 14, 2016
International Travel Award	Dr. Lucia M. Borines	American Phytopathological Society Foundation	Aug. 3, 2016
Best Output Presentation-Food Industry Tour (Adviser)	Dr. Lorina A. Galvez	ASEAN Food Industries Human Resource Dev. Association	Sept. 9, 2016
Dr. Angel C. Alcala Award - Best Paper Award (Professional Category)	Mr. Art Russel R. Flandez Ms. Elisa D. Espinosa	FIMFS/UEP	Sept. 22, 2016
NATIONAL LEVEL			
2 nd Place Winner (Elementary Level) - Adviser	Dr. Roberta D. Lauzon	ASEP	Feb. 7, 2016
Best Oral Presentation - International Research Colloquium Philippines	Aljay D. Valida	Ramon Magsaysay Technological University	Mar. 27, 2016
National Certificate III in Horticulture	Rosario A. Salas Marilou M. Benitez Zenaída C. Gonzaga Arsenio D. Ramos Dario P. Lina Aljay D. Valida Roden D. Troyo		
2016 William D. Dar Research Management Award	Dr. Othello B. Capuno	CSSP	June 13-18, 2016
2016 CSSP Achievement Award in Teaching	Prof. Luz Z. Acedo	CSSP	June 13-18, 2016
3 rd place - Best Research Paper in Agriculture, Aquatic and Natural Resources	Dr. Erlinda A. Vasquez Dr. Lucia M. Borines Prof. Algerico M. Mariscal Ms. Andrea B. Inocencio Mr. Danilo T. Dannug Ms. Resa M. Dacera Ms. Lady Fatima G. Palermo Mr. Ricardo A. Maranguit	PCAARRD and DOST	July 28, 2016

NAME OF AWARD	RECIPIENT	AGENCY	DATE
AFMA R&D Paper Award	Dr. Feliciano G. Sinon Engr. Alberto C. Martinez, Jr.	DA-BAR	Oct. 26, 2016
Paper Qualifier - AFMA R&D Paper Award	Dr. Fe M. Gabunada Dr. Remberto A. Patindol Dr. Editha G. Cagasan Ms. Sarah B. Anwar Ms. Ana Liza M. Recto	DA-BAR	Oct. 26, 2016
Finalist National Gawad Saka Award - Outstanding Agricultural Scientist	Dr. Lucia M. Borines	DA-BAR	Oct. 27, 2016
Best Paper Award	Mr. Crisanto Abas	Math Teachers Asso. of the Phil	
National Finalist - 57 th & 58 th IATSS Leadership Program	Mr. Frank Britz V. Cadavi	DOST/IATSS	Nov. 24, 2016
REGIONAL LEVEL			
Best Expert Witness	Ms. Jessielyn M. Abordo (VSUTolosa)	Professional Academy of the Phil	April 23, 2016
2016 Region 8 Gawad-Saka Outstanding Agricultural Scientist Award	Dr. Felix M. Salas	Dept. of Agriculture Regional Field Office 8 (DA-RFO8)	May 27, 2016
Best Paper - Research Category	Marianne Agnes T. Mendoza Lolito C. Bestil Julius V. Abela Antonia Cecilia Y. Sandoval Milagros C. Bales	PSAS-Visayas Chapter	July 13, 2016
Best Paper - Undergraduate Thesis Category (as Adviser)	Manuel D. Gacutan, Jr. Wendelyn J. Madelo	PSAS-Visayas Chapter	July 13, 2016
CSC Pag-asa Group Award Nominee	Dr. Obdulla G. Camoying Ms. Elvira L. Sabulao Dr. Teresita C. Jocson Ms. Luzviminda A. dela Cruz Mr. Danilo D. Leros Ms. Elvira E. Cinco		
Presidential Lingkod Bayan Award	Dr. Jose L. Bacusmo	Civil Service Commission RO 8	Sept. 6, 2016
Dangal ng Bayan Award	Dr. Lourdes B. Cano	Civil Service Commission RO 8	Sept. 6, 2016
1 st Place Winner (Elementary Level) - Adviser	Dr. Roberta D. Lauzon	DepEd, RO VIII	Oct. 15, 2016
Outstanding RDE Paper (Extension Project Category)	Dr. Marlito M. Bande Dr. Ma. Juliet C. Ceniza Dr. Lualhati M. Noriel Mr. Jimmy O. Pogosa Mr. Randy G. Omega Dr. Arsenio D. Ramos Dr. Luz O. Moreno	VICAARP-RRDEN	Dec. 7-8, 2016

NAME OF AWARD	RECIPIENT	AGENCY	DATE
Best Paper - Extension Project Category	Dr. Marlito M. Bande Dr. Ma. Juliet C. Ceniza Dr. Lualhati M. Noriel Mr. Jimmy O. Pogosa Mr. Randy G. Omega Dr. Arsenio D. Ramos Dr. Luz O. Moreno	VICAARP-RRDEN	Dec. 7-8, 2016
Outstanding RDE Paper	Dr. Lucia M. Borines Mr. Benedict Ivann D. Gabrito Ms. Janice M. Marilla Ms. Victoria G. Palermo Mr. Enrico C. Virrey Dr. Candelario L. Calibo	VICAARP-RRDEN	Dec. 7-8, 2016
Best RDE Paper	Dr. Erlinda A. Vasquez Dr. Candelario L. Calibo Ms. Cynthia Dolores V. Godoy Mr. Roniel Godoy Ms. Joy Adeline Nuñez Ms. Resa M. Dacera Ms. Lady Fatima G. Palermo	VICAARP-RRDEN	Dec. 7-8, 2016
Best Paper - Research Project Category	Dr. Lolito C. Bestil Dr. Lorina A. Galvez Ms. Merlyn N. Rojas Engr. Julious B. Cerna Dr. Erlinda A. Vasquez Mr. Mark V. Abela Mr. Anastacio T. Cagabhion III Mr. Warren D. Come	VICAARP-RRDEN	Dec. 7-8, 2016
Best Paper -Extension Project Category	Dr. Ma. Juliet C. Ceniza Prof. Tessie C. Nuñez Ms. Cristy Marie T. Namoc	VICAARP-RRDEN	Dec. 7-8, 2016
REGIONAL LEVEL			
2 nd Place - Best Poster Award	Dr. Romel B. Armecin Ms. Kristal N. Bandalan	VICAARP-RRDEN	Dec. 7-8, 2016
4 th Place - Best Poster Award	Dr. Luz O. Moreno Mr. Geraldo S. Galoy	VICAARP-RRDEN	Dec. 7-8, 2016
INSTITUTIONAL/MUNICIPAL LEVEL			
2014 Publication Award, cash award and Plaque of Recognition	Dr. Dennis P. Peque Dr. Buenaventura B. Dargantes Dr. Rommel B. Armecin	VSU	Feb. 3, 2016
2014 Publication Award, cash award and Plaque of Recognition	Dr. Moises Neil V. Serioño (3) Dr. Julie D. Tan (3) Dr. Victor B. Asio (2) Dr. Felix M. Salas (2) Dr. Julius V. Abela (1) Dr. Andresito D. Acabal (1) Dr. Milagros C. Bales (1) Dr. Marlito M. Bande (1) Dr. Beatriz S. Belonias (1) Dr. Lolito C. Bestil (1)	VSU	Feb. 3, 2016

NAME OF AWARD	RECIPIENT	AGENCY	DATE
	Dr. Edtha G. Cagasan (1) Dr. Maria Juliet C. Ceniza (1) Dr. Senona A. Cesar (1) Dr. Renezita S. Come (1) Dr. Buenaventura B. Dargantes (1) Dr. Ruben M. Gapasin (1) Dr. Zenaida C. Gonzaga (1) Dr. Rotacio S. Gravoso (1) Dr. Eugene B. Lañada (1) Dr. Suzette B. Lina (1) Dr. Elizabeth S. Quevedo (1) Dr. Marcelo A. Quevedo (1) Dr. Berta C. Ratilla (1) Dr. Rosario A. Salas (1) Dr. Feliciano G. Sinon (1) Dr. Daniel Leslie S. Tan (1) Dr. Anabella B. Tulin (1) Prof. Arthur I. Tambong (1) Asst. Prof. Ed Allan L. Alcober (1) Mr. Angelo Francis F. Atole (1) Mr. Warren D. Come (1) Ms. Jedess Miladel N. Salomon (1) Ms. Leslie T. Ubaub (1)		
Keeper of Service Award (15 years)	Dr. Julius V. Abela Dr. Editha G. Cagasan Prof. Argina M. Pomida Dr. Aleli A. Villocino	VSU-USSO	Feb. 26, 2016
Best Teacher	Dr. Seregena Ruth L. Martinez	CAS, VSU	Feb. 28, 2016
Best CWTS Coordinator	Mr. Mark Gil A. Vega	VSU	Mar. 12, 2016
Plaque of Recognition - Adviser of Outstanding Undergraduate Thesis (Business and Economics Category)	Dr. Moises Neil V. Serioño	Phi Delta Honor Society	Apr. 11, 2016
Most Outstanding Undergrad Thesis - Physical & Environ- mental Category - Adviser	Dr. Lorina A. Galvez	Phi Delta	May 4, 2016
Service Award	Dr. Gloria R. Pelayo	VSU Villaba	July 18-23, 2016
1 st place - It's Showtime sa VSU	Ms. Eden P. Arias Ms. Cara Luz Buar Ms. Gladys J Dematawaran Mr. Steven P. Santos Ms. Angelie P. Sillador Ms. Jane Karrel C. Sucidor Mr. Dennis Joel Cerna Mr. John Renz Montiman Mr. Rojean Ababat Ms. Sheerwina Mae A. Gonzaga Ms. Jade O. Belmonte Ms. Ma. Rachel Kim L. Aure	VSU	Aug. 9, 2016
Outstanding Teacher of the Year Award	Dr. Zenaida C. Gonzaga	VSU	Aug. 10, 2016

NAME OF AWARD	RECIPIENT	AGENCY	DATE
Exemplary Researcher of the Year Award	Dr. Arturo E. Pasa	VSU	Aug. 10, 2016
Outstanding Unit Head of the Year Award	Dr. Beatriz S. Belonias	VSU	Aug. 10, 2016
Best Administrative Support Staff	Mrs. Dalisay F. Andres	VSU	Aug. 10, 2016
Model SRA of the Year Award	Mrs. Jennifer E. Ando	VSU	Aug. 10, 2016
Model Utility Worker/Messenger of the Year Award	Mr. Jerry B. Posas	VSU	Aug. 10, 2016
Model Skilled Worker of the Year Award	Mr. Fabian C. Alberio	VSU	Aug. 10, 2016
Model Driver of the Year Award	Mr. Norjito B. Quimco	VSU	Aug. 10, 2016
Best Laborer of the Year Award	Mr. Clemente R. Hondrada	VSU	Aug. 10, 2016
Plaque of Recognition - Adviser (Outstanding Graduate Thesis)	Dr. Ma. Juliet C. Ceniza	Phi Delta Honor Society	Aug. 11, 2016
Plaque of Recognition - Adviser (Most Outstanding Undergraduate Thesis - Physical and Environmental Category)	Dr. Lorena A. Galvez	Phi Delta Honor Society	Aug. 11, 2016
Plaque of Recognition - Adviser (Outstanding Thesis - Business & Econ. Category)	Dr. Moises Neil V. Serioño	Phi Delta Honor Society	Aug. 11, 2016
Loyalty Award	35 years of service Mr. Leonilo S. Melchor	VSU Alangalang	Sept. 9, 2016
	30 years of service Mrs. Elda V. De Los Reyes		
1 st place - Best Paper Award (High School Level) - Adviser	Dr. Ivy C. Emnace	VSULHS	Sept. 11, 2016
Loyalty Award (35 years)	Mrs. Anita B. Tumamak	VSU Villaba	Sept. 27, 2016
Loyalty Award	40 years of service Dr. Ruben M. Gapasin Dr. Wolfreda T. Alesna Dr. Eunice I. Beray Dr. Lourdes B. Cano Prof. Jesusito L. Lim Mrs. Ludivina P. Voloria Mr. Cesar P. Quiñones Mr. Herminigildo A. Mazo	VSU Main	Sept. 30, 2016
	35 years of service Dr. Roberto C. Guarte Dr. Eugene B. Lañada Dr. Buenaventura B. Dargantes		

NAME OF AWARD	RECIPIENT	AGENCY	DATE
	25 years of service Mr. Policarpo C. Gumba, Jr. Mr. Teodomero C. Ratilla Mr. Norjito B. Quimco Mr. Chito L. Leonor Mr. Eusebio D. Olleras Mr. Junito A. Panonce		
	20 years of service Dr. Ma. Theresa P. Loreto Dr. Dario P. Lina Prof. Argina M. Pomida Mrs. Alicia M. Flores Mrs. Meriam M. Luna Mr. Reynaldo N. Gloria		
	15 years of service Mrs. Elvira B. Gorre Mrs. Antonieta D. Israel Ms. Sheila Marie C. Lemos Mr. Vicente A. Gilos Mr. Carlito V. Sanchez Mr. Edmedio S. Pastoril Mr. Aniceto D. Tan Mr. Jeremy S. Caintic		
	10 years of service Dr. Rizalina D. Truya Dr. Elwin Jay V. Yu Prof. Marilou M. Benitez Prof. Ma. Rachel Kim L. Aure Prof. Francisco G. Gabunada, Jr. Prof. Magdalene C. Unajan Ms. Joviel R. Teves Ms. Aileen Y. Clores Ms. Magnolia C. Lao Ms. Jan Ana B. Masendo Ms. Jovelyn H. Mabuan Ms. Joan Rosemarie A. Banzon Mr. Jorge S. Valenzona Mr. Edgar P. Posas		
Outstanding Coaches - 2016 Regional SCUAA Games (Gold Medalist)	Mr. Edilberto A. Artiga, Jr. (Badminton Women) Mrs. Mary Jean M. Sapan (Chess Women) Mr. Pee Jay B. Montero (Volleyball Women)	SCUAA	Oct. 23-28, 2016
Outstanding Administrator	Dr. Marichu M. Padayao	LGU Alangalang	Nov. 8, 2016
Outstanding Teacher	Mr. Jayson D. Baldesco	LGU Alangalang	Nov. 8, 2016
Outstanding Administrative Staff	Mrs. Sarah M. Chua	LGU Alangalang	Nov. 8, 2016

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Dr. Feliciano G. Sinon	- <i>Director, National Abaca Research Center</i>
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GOALS

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

OBJECTIVES

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

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