



# DMMMSU

DON MARIANO MARCOS MEMORIAL STATE UNIVERSITY  
La Union, Philippines



## Annual Report SY 2013-2014



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**DMMMSU**  
DON MARIANO MARCOS MEMORIAL STATE UNIVERSITY  
La Union, Philippines

July 31, 2014

**HIS EXCELLENCY BENIGNO S. AQUINO III**

President, Republic of the Philippines

Through:

**The Hon. ALEX B. BRILLANTES, JR.**

Chairperson, DMMMSU Board of Regents

Commissioner, Commission on Higher Education



**Sir:**

Greetings!

I have the honor to submit the Annual Report of the Don Mariano Marcos Memorial State University, La Union for School Year 2013 - 2014. Through the different delivery Units of the University, this Report reflects the University's contribution to national development. We vow to continue serving our University with the same resoluteness, passion and commitment.

Thank you.

Very truly yours,

  
**BENJAMIN P. SAPITULA**  
President





- There were 42 functional international linkages forged by the University during the School Year 2013-2014. These linkages were in the areas of academic exchange of students and faculty, faculty scholarship grant, basic and higher education, research, distance education, technical assistance, among others.
- A total of 16,796 students were enrolled during the first semester, which is 8.75 % increase from last year's same semester enrolment of 15,444. In the second semester, there was a 8.18 % increase, 15,785 against last year's 14,592.
- More than half of the total enrolment in both semesters was registered by the Mid La Union Campus: 51.41% and 50.68 for the first and second semesters, respectively.
- The University turned in a total of 66 honor graduates: 58 cum laude and 8 magna cum laude.
- There were 2,939 students from basic education to doctorate programs who graduated during the school year. More than three-fifths (2,138 or 72.75%) were graduates from various baccalaureate programs.
- The University recorded higher passing rates in the following board examinations compared to the national passing rates: Licensure Exam for Teachers – Elementary, Licensure Exam for Teachers – Secondary, Veterinary Medicine, Forestry, Master Electrician, Midwifery and Nursing Licensure Exam.
- Faculty and staff totalled 1,066. South La Union Campus (SLUC) and Mid La Union Campus (MLUC) had the most number of Personnel, 309 and 274, respectively.
- DMMMSU students reaped awards in various regional, national and international competitions. Several students earned accolades in international research tilts. Three students were adjudged Best in Oral Research Presenter, Best in Oral Presentation and Best in Oral Research in the "3rd International Conference on Multidisciplinary Research", held in Bacolod City.
- A total of 77 faculty and staff pursued doctorate degrees, and 89 who pursued masters in various institutions. A significant number of faculty and staff of the University attended (either as participants or presenters), seminars/trainings/conferences, held in local, national and international venues.





- There were 39 R&D papers of the University that were published in international scientific journals, mostly in refereed journals. This reflects of the quality of researches produced by the University which are of world standards.
- A total of 102 R&D papers were presented in competitive regional, national and scientific symposium and fora. Several of these papers won awards.
- More than 20,000 clients from all parts of the country were beneficiaries of Extension activities of the University. These activities ranged from technical assistance, trainings, community outreach, lecture demonstrations, tree planting, environmental protection to training needs assessment.
- There were 49 infrastructure projects, worth P52,214,574.92, that were completed. Funding of these projects was sourced out from various donors, e.g. national and local leaders, alumni, private firms, and the Commission on Higher Education.
- A total of P7,075,438.15 net income was generated from various income-generating projects. Top earners were the fastfood of North La Union Campus; laboratory kitchenette of Mid La Union Campus; space rentals/stalls and canteen of South La Union Campus and the Technology Fee and Call Center and Medical Transcription of the Open University System.
- The University outsourced from various benevolent patrons, benefactors and donors a total of P13,358,071.00 worth of equipment and material. Among the donors were the NSDevil Co., Ltd., S.K., Korean International Cooperation Agency, Commission on Higher Education, Department of Agriculture-Regional Field Unit 1, NGOs and Alumni.
- To address climate change, the University conducted the following mitigation activities: massive clean-up (roadside, coastal, river), tree planting, environmental education, rainwater harvesting, solid waste management trainings, among others.
- Four study tours/visits for 37 Bangladeshi nationals were organized, coordinated and conducted by the University, with funding support from The Bridge, Dhaka, Bangladesh.





The University forged 42 functional international linkages during the School Year 2013-2014. These linkages were in the areas of academic exchange of students and faculty, faculty scholarship grant, basic and higher education, research, distance education, technical assistance, among others, Table 1.

**Table 1. Linkages forged with International Institutions**

INSTITUTION	AREA OF COLLABORATION
<b>NLUC</b>	
Kodolanyi Janos University of Applied Sciences 8000 Szekesfehervar, Furdo u.1, Hungary	Academic exchange of students and faculty
Mombukagakusho Scholarship Program, Japan	Faculty Scholarship Grant
Changwon National University, South Korea	Student and Faculty Exchange Program and other academic collaboration
Kangwon National University, South Korea	Student and Faculty Exchange Program and other academic collaboration
Hope International Development Agency, Germany	Publication of the Technology on Rainwater Harvesting
Asia-Pacific Natural Agriculture Network, Thailand	Conduct of Seminar-training on Organic Agriculture and Natural Farming
International Nature Farming Research Center, Japan	Conduct of Seminar-training on Organic Agriculture and Natural Farming
Israeli Government, Israel	OJT Program for Agriculture Students
The Bridge, Bangladesh	Conduct of 3 International Courses
Global Consulting Group, Dhaka, Bangladesh	Conduct of 3 International Courses
Training and Technology Transfer, Wellington, New Zealand	Conduct of 3 International Courses
International Center for Research in Agroforestry, Philippines	Technical cooperation in Agroforestry research



INSTITUTION	AREA OF COLLABORATION
<b>MLUC</b>	
Eastern Regional Organization for Public Administration (EROPA)	Professional
International Center for Communication Studies (ICCS)	Professional
Spanish Program for Cultural Cooperation (SPCC)	Professional/Research
NSDevil	Instruction, R&D, UBT Computing
Sutherland Global Services	BPO OJT & Employment
SEAMEO - INNOTECH	R & D, Training & OJT
Device Dynamics Asia	On-the-Job Training
American Association of Clinical Endocrinologist	
AAA Career Development, Inc.	Practicum
United Towers Philippines, Metro Manila	Practicum
NAKEM Conferences International	Professional Development
KOICA	Food Processing
Chonburi Business Administration Technical College, Thailand	Thai Teachers and government officials to pursue their graduate degrees in DMMMSU
Thailang Government and the Chonburi Business Administration Technical College	Academic collaboration that includes OJT program for Student Teachers in Thailand
<b>SOUTH LA UNION CAMPUS</b>	
Department of State, USA – Regional English Language Office	Faculty Development Scholarship Grant
E-International Scientific Journal Consortium	Institutional Membership
Asian Educational Research Association	Institutional Membership
International Association of Multidisciplinary Research	Membership and Affiliations for Research Presentations
Korean International Cooperation Agency (KOICA)	Greenhouse establishment
Korean Volunteers' Association (KOVA)	Scholarship
Agrostudies, International Center for Agricultural Studies in Israel	On-the-Job Training for BSA and BAT students
<b>OUS</b>	
Asian Association of Open Universities	Attendance to seminars related to distance and open learning
Korean National Open University Prime College, South Korea	Student and Faculty Exchange Program and other academic collaboration
<b>SRDI</b>	
IAMURE	R&D/E output presentation and publication and capacity building
ACPI	
ISC	Training and capacity-building
CSRTI	
ICRISAT	
IAC	
<b>NARTDI</b>	
Canadian Executive Service Organization (CESO)	Technical assistance, reverse assignments, and beekeeping exposures.





There were 16,796 students enrolled during the first semester, which is 8.75 % increase from last year's same semester enrolment of 15,444. In the second semester, there was a 8.18 % increase, 15,785 against last year's 14,592, Table 2.

More than half of the total enrolment in both semesters was registered by the Mid La Union Campus: 51.41% and 50.68 for the first and second semesters, respectively.

Table 2. Enrolmet

PROGRAM	NLUC			MLUC			SLUC			DOUS			TOTAL		
	1st Sem	2nd Sem	Sum	1st Sem	2nd Sem	Sum	1st Sem	2nd Sem	Sum	1st Sem	2nd Sem	Sum	1st Sem	2nd Sem	Summer
DOCTORATE	22	31	36	95	108	93	60	65	33	40	40	26	217	244	188
MASTERS	71	62	46	291	271	194	234	215	153	34	34	32	630	582	425
POST-BACCALAUREATE	0	0	0	122	110	26	0	0	0	343	334	282	465	444	308
BACCALAUREATE	1525	1421	416	7696	7081	3228	4719	4480	1293	72	85	44	14012	13067	4981
PRE-BACCALAUREATE	0	0	0	0	0	0	262	244	54	16	10	1	278	254	55
VOC-TECH PROGRAMS	0	0	0	0	0	0	0	0	0				0	0	0
SECONDARY	115	115	0	183	183	0	182	182	0				480	480	0
ELEMENTARY	143	143	0	207	207	0	212	212	0				562	562	0
PRE-ELEMENTARY	14	14	0	40	40	0	98	98	0				152	152	0
<b>TOTAL</b>	<b>1890</b>	<b>1786</b>	<b>498</b>	<b>8634</b>	<b>8000</b>	<b>3541</b>	<b>5767</b>	<b>5496</b>	<b>1533</b>	<b>505</b>	<b>503</b>	<b>385</b>	<b>16796</b>	<b>15785</b>	<b>5957</b>





A total of 2,939 students from basic education to doctorate programs graduated during the school year. More than three-fifths (2,138 or 72.75%) were graduates from various baccalaureate programs, Table 3.a.

The University turned in a total of 66 honor graduates: 58 cum laude and 8 magna cum laude, Table 3.b.

**Table 3.a Graduates**

Program Level	1st Sem			2nd Sem			Summer 2014			TOTAL
	M	F	Total	M	F	Total	M	F	Total	
Doctorate	1	0	1	12	20	32	0	7	7	40
Masters	4	2	6	16	24	40	3	3	6	52
Post-Baccalaureate	7	60	67	18	80	98	14	70	84	249
Baccalaureate	86	43	129	744	1198	1942	47	20	67	2138
Pre-Baccalaureate	2	2	4	55	118	173	1	2	3	180
Voc-Tech Programs	0	0	0	0	0	0	0	0	0	0
Basic Education Programs	0	0	0	128	152	280	0	0	0	280
<b>Total</b>	<b>100</b>	<b>107</b>	<b>207</b>	<b>973</b>	<b>1592</b>	<b>2565</b>	<b>65</b>	<b>102</b>	<b>167</b>	<b>2939</b>

**Table 3.b Graduates with Honors**

Operating Unit/Campus	Magna Cum Laude	Cum Laude
North La Union Campus	2	5
Mid-La Union Campus	1	12
South La Union Campus	4	41
OUS	1	0
<b>Total</b>	<b>8</b>	<b>58</b>



Faculty and staff totalled 1,066 (529 Faculty and 537 Staff), Table 4. South La Union Campus (SLUC) and Mid La Union Campus (MLUC) had the most number of Personnel, 309 and 274, respectively.

**Table 4. Faculty and Staff Profile**

Operating Unit	Academic Rank				
	Professor	Associate Professor	Assistant Professor	Instructor	Total
Central Administration	4	1	1	0	6
North La Union Campus	28	48	18	35	129
Mid La Union Campus	5	33	54	115	207
South La Union Campus	13	54	33	77	177
Open University System	0	1	4	5	10
<b>Total</b>	<b>50</b>	<b>137</b>	<b>110</b>	<b>232</b>	<b>529</b>

Operating Unit	Educational Qualification					
	Graduate/ Post Grad	BS/BA	Vocational	Secondary	Elementary	Total
Central Administration	10	45	12	2	0	69
North La Union Campus	14	28	37	19	1	99
Mid La Union Campus	9	40	10	8	0	67
South La Union Campus	14	70	35	11	2	132
Open University System	0	6	2	0	0	8
Sericulture Research and Development Institute	28	66	37	21	10	162
<b>Total</b>	<b>75</b>	<b>255</b>	<b>133</b>	<b>61</b>	<b>13</b>	<b>537</b>





The University recorded higher passing rates in the following board examinations compared to the national passing rates: Licensure Exam for Teachers – Elementary, Licensure Exam for Teachers – Secondary, Veterinary Medicine, Forestry, Master Electrician, Midwifery and Nursing Licensure Exam.

**Table 4. Graduates' Performance in Licensure Examinations**

NAME OF EXAM	SCHEDULE OF EXAM	NO. OF PASSERS	NO. OF EXAMINEES	DMMMSU PASSING RATE	NATIONAL PASSING RATE
<b>NLUC</b>					
LET (Elementary)	Sept./Oct. 2013	14	39	35.90%	31.18%
	March/april 2014	8	14	57.14%	28.98%
LET (Secondary)	Sept./Oct. 2013	4	23	17.39%	39.75%
	March/april 2014	5	17	29.41%	28.41%
Agricultural Engineering	August 2013	4	15	26.67%	39.43%
Veterinary Medicine	August 2013	3	7	42.86%	39.61%
Forestry	July 2013	1	2	50.00%	29.62%
Agriculture	July 2013	18	52	34.62%	35.22%
<b>MLUC</b>					
LET (Elementary)	Sept./Oct. 2013	63	187	33.69%	31.18%
	March/april 2014	37	88	42.05%	28.98%
LET (Secondary)	Sept./Oct. 2013	46	180	25.56%	39.75%
	March/april 2014	16	106	15.09%	28.41%
Electrical Engineering	September 2013	31	76	40.79%	53.64%
	February 2014	18	56	32.14%	34.83%
Master Electrician	September 2013	17	26	65.38%	48.45%
	February 2014	5	13	38.46%	44.15%
Mechanical Engineering	September 2013	30	53	56.60%	68.87%
	March 2014	21	35	60.00%	60.53%
<b>SLUC</b>					
LET (Elementary)	Sept./Oct. 2013	102	228	44.74%	31.18%
	March/april 2014	46	92	50.00%	28.98%
LET (Secondary)	Sept./Oct. 2013	99	238	41.60%	39.75%
	March/april 2014	50	127	39.37%	28.41%
Midwifery	November 2013	17	27	62.96%	46.04%
	April 2014	6	16	37.50%	46.22%
Agriculture	July 2013	5	17	29.41%	35.22%
Nursing	June 2013	32	56	57.14%	42.81%
	December 2013	23	55	41.82%	30.94%
<b>OUS</b>					
LET	Sept./Oct. 2013	8	16	50.00%	28.98%
	March/april 2014	25	50	50.00%	31.13%



DMMMSU students won awards in various regional, national and international competitions. Several students earned accolades in international research tilts, Table 5. Three students were adjudged Best in Oral Research Presenter, Best in Oral Presentation and Best in Oral Research in the "3rd International Conference on Multidisciplinary Research", held in Bacolod City.

**Table 5. Students' Performance in Extra/Co-Curricular Activities**

NAME	CONTEST	SPONSOR	DATE	ACHIEVEMENT / AWARD
<b>NORTH LA UNION CAMPUS</b>				
Badua, Ken Oliver	13th Regional Higher Education Press Conference-Feature Writing Contest	Association of Regional Campus Paper Advisers (ARCPA)	December 3-5, 2013	6th Place
	13th Regional Higher Education Press Conference-Poetry Writing Contest	Association of Regional Campus Paper Advisers (ARCPA)	December 3-5, 2013	5th Place
Buquing, Marzan W.	12th PSAE-PPG Luzon Convention	PSAE	December 5-7, 2013	Champion Tractor Driving Champion Tractor Hitching Champion, Tractor Rodeo
	National PAES Quiz Contest	UPLB	January 26, 2013	3rd Place, Engine Parts Identification



NAME	CONTEST	SPONSOR	DATE	ACHIEVEMENT / AWARD
Egalla, Sharmaine L.	News Writing Contest	ARCPA	December 5-7, 2013	4th Place
	Copy Reading & Headline Writing (Filipino)	ARCPA	December 5-7, 2013	4th Place
	2nd Congress for Agri-Fishery & Natural Resources Education-Quiz Bee	CHED – RO1	October 1, 2013	1st Place
Narido, Aiza	Running (University Meet)	DMMMSU	November 2013	Silver Medalist
Obille, Jc Marai-Ian	PASUC-1 PSC Quiz Bee (University Level)	PASUC		1st Runner Up
Omo, Genesis	14th Regional Higher Education Press Conference		December 5-7, 2013	3rd Place, Photo Journalism Category
Quinquito, Neferthea	Dev. Com Writing	Reg'l Higher Educ. Press Con	December 3-5, 2013	2nd Place
	Sports Writing	Reg'l Higher Educ. Press Con	December 3-5, 2013	6th Place
<b>MID LA UNION CAMPUS</b>				
Ely Rick P. Manlagnit Jeffone Acyangan Jay Mark Casuga	DMMMSU-MLUC FOUNDATION DAY (TAGISAN NG TALINO)	DMMMSU-MLUC	January 15, 2014	Champion
Lou Benedic C. Valle Blaise Kilmer O. Dacalaño Jay Mark C. Casuga	24th National Statistics Month (Provincial and Regional) Statistics Quiz	NSO	October 15, 2013	Champion
Joshua P. Apilado	Provincial Poster Making	NSO	October 15, 2013	1st Runner Up
Aldrin N. Soriano	Provincial Essay Writing	NSO	October 15, 2013	1st Runner Up
Maricon V. Abuan Lou Benedic C. Valle Jefferson D. Tangalin Jayze A. Frias Orlando C. Jularbal	13th IEEE-CSC Regional EE Math Wizard	Cagayan State University	August 23-25, 2013	Champion
Blaise Kilmer O. Dacalaño Julius S. Baladad Benigno M. Saura Jr. Lou Benedic C. Valle Maricon V. Abuan	27th IEEE-CSC Regional Quiz Show	Cagayan State University	August 23-25, 2013	Champion
Mark Anthony I. Delena	18th NATIONAL YOUTH CONGRESS	National Youth Council		Nominee

NAME	CONTEST	SPONSOR	DATE	ACHIEVEMENT / AWARD
Jean Russel Ducusin-Flores	4th SPEEDO League Swimming Competition (Palarong Pambansa)	DepEd	September 14-15, 2013	2 Gold Medal 7 Silver Medal
Midge A. Ysmin Balicha Fourth Year, BSBA Marketing Management Major	On the Spot Business Plan Preparation and Presentation	Phil. Junior Marketing Association	August 2013	Champion
Munar, Grace Ann	Taekwondo	DMMMSU/SCUAA	January 2014	Gold
Caluza, Carina	Cultural	DMMMSU/SCUAA	Jan. 2014	2nd Place
Niveras, Ernesto	Taekwondo	DMMMSU/SCUAA	Jan. 2014	Gold
Minerva, JC	Taekwondo	DMMMSU/SCUAA	Jan. 2014	Gold
<b>SOUTH LA UNION CAMPUS</b>				
Garmi Florence Esguerra	3rd International Conference on Multi-disciplinary Research, Bacolod City	Asso. Of Deans of Phil. Colleges of Nursing (ADPN)	Feb. 7-9, 2013	Platinum Award: Best in Oral Presenter
Leo Damian	3rd International Conference on Multi-disciplinary Research, Bacolod City	IAMURE Multi Disciplinary Research	Feb-7-9, 2014	Gold Award: Best in Oral Research
Kris Flores	3rd International Conference on Multi-disciplinary Research, Bacolod City	IAMURE Multi Disciplinary Research	Feb-7-9, 2014	Silver Award: Best in Oral Presentation
<b>OPEN UNIVERSITY SYSTEM</b>				
Andaya, Gaudencio Jr.	Seminar Workshop on Empowering Club/Student		February 19-21, 2014	





There were 77 faculty and staff who pursued doctorate degrees and 89 who pursued masters in various institutions, Table 7.

**Table 7. Pursuit of a Degree**

NAME	DEGREE	SCHOOL	STATUS
<b>CENTRAL ADMINISTRATION</b>			
<b>MASTERAL</b>			
Delmendo, Zaldy R.	Master in Information Technology	DMMMSU-MLUC	Completed
<b>NORTH LA UNION CAMPUS</b>			
<b>DOCTORAL</b>			
Agullo, Joel C.	Ph.D. Ed. Ad.	DMMMSU-SLUC	On-going
Almodovar, Anny Ross	Ph. D TEM	DMMMSU-MLUC	Completed
Angeles, Yolanda B.	Ph.D. in Agricultural Sciences	DMMMSU – NLUC	On-going
Bersamira, Venelyn L.	Doctor of Business Administration	Lyceum Northwestern University	On-going
Carreon, Rowena D.	Ph.D. Mathematics Educ.	DMMMSU-MLUC	On-going
Collado, Violeta F.	Ph.D. Sci. Ed	DMMMSU-MLUC	On-going
Consul, Beverly	Ph.D. Ag. Ed	DMMMSU-NLUC	On-going
Ebuenga, Edelita C.	Ph.D. TEM	DMMMSU-MLUC	CAR
Laquidan, Arnelie G.	Ph.D. Management	Saint Louis College	On-going
Ocampo, Elma C.	Ph. D Sci. Ed	DMMMSU-MLUC	On-going
Sagun, Analyn V.	Ph.D. in Agricultural Sciences	DMMMSU – NLUC	On-going

NAME	DEGREE	SCHOOL	STATUS
<b>MASTERAL</b>			
Aguilar, Ranato B.	Master in Management Engineering	DMMMSU-MLUC	Completed
Apilado, Jusie C.	Masters in Agribusiness Management	CLSU	On-going
Astodillo, Laiza	MA Physics	BSU	On-going
Badua, Frediz Winda	MA ESL	BSU	On-going
Calip, Arlyn T.	MAED-PSEd	UCC	On-going
Cariaso, Marife C.	MAED-Math	Saint Louis College	On-going
Crispino, Ma. Theresa	MS Biology	DMMMSU-SLUC	On-going
Dela Cruz, Ritchie	MA Filipino	PSU-Urdaneta	On-going
Delmendo, Mary Rose	MATE-Math	DMMMSU-MLUC	On-going
Ebueza, Rachell D.	MAED	Saint Louis College	On-going
Enteria, Evelyn	MS Biology	DMMMSU-SLUC	On-going
Espiritu, Raffy	Master in Management Engineering	DMMMSU – MLUC	On-going
Laquidan, Erickson N.	Master in Management Engineering	DMMMSU – MLUC	Thesis Writing
Lilan, Rhoda M.	Master in Information Technology	DMMMSU-MLUC	Completed
Libong, Chester S.	MS Major in Animal Science	DMMMSU – NLUC	On-going
Lucena, Jomar J.	MS Environmental Science	DMMMSU-NLUC	On-going
Menguita, Christian C.	MA-Tech Ed Maj. in TEPP	DMMMSU-MLUC	On-going
Navasca, Mayeth G.	MATE-TEPP	DMMMSU-MLUC	On-going
Quinquito, Joana N.	Master in Cooperative Management	Benguet State University	On-going
Sampaga, Poly Mae	MSE-TLE	DMMMSU-NLUC	On-going
Savellano, Stephanie Ann C.	MBA-Business Admin	UC	On-going
Sobrevilla, Flordeliza	MS Math	DMMMSU-MLUC	On-going
Tugelida, Nel Bryan C.	MSE - TLE	DMMSU-NLUC	On-going
Valdez, Ellaine Jill F.	MA Teaching Music	DMMMSU-SLUC	On-going
Valmores, Daniel Jovin	Master in Management Engineering	DMMMSU – MLUC	On-going
Vilar, Desiree A.	MS Environmental Science	DMMMSU-NLUC	CAR
Zapanta, Amparo M.	MA ECED	DMMMSU-SLUC	On-going
<b>MID LA UNION CAMPUS</b>			
<b>DOCTORAL</b>			
Cabading, Jose Mari N.	Ph.D. TEM	DMMMSU – MLUC	Completed
Corpuz, Eduardo C.	Ph.D. TEM	DMMMSU – MLUC	Completed
Florendo, Arrianne Michelle C.	Ph.D. TEM – Dissertation in progress	DMMMSU – MLUC	Ongoing
Malicdem, Alvin R.	Doctor in IT - Dissertation in progress	University of the Cordilleras	Ongoing



NAME	DEGREE	SCHOOL	STATUS
Lamadrid, Bernardo D.	Ph.D. TEM – Dissertation in progress		Ongoing
Polido, Genevieve C.	Ph.D. in Management in progress	Saint Louis College	Ongoing
Rodriguez, Marylen D.	Ph.D. TEM in progress	DMMMSU-MLUC	Ongoing
Sobrepeña, Perla Vanessa L.	Ph.D. TEM in progress	DMMMSU-MLUC	Ongoing
Torres, Doreen A.	Ph.D. TEM in progress	DMMMSU-MLUC	Ongoing
Ayson, Ronald R.	PhD. Math Ed.	DMMMSU-MLUC	On Going
Llobrera, Grace A.	PhD. TEM		On Going
Maglaya, Nelda M.	PhD. Science Ed.	DMMMSU-MLUC	On Going
Pintor, Hector K.	PhD. TEM	DMMMSU-MLUC	On Going
Munar, Maria Victoria B.	PhD. Math Ed.	DMMMSU-MLUC	On Going
Tattao, Luis A.	PhD. Math Ed.	DMMMSU-MLUC	Dissertation
Villanueva, Marc Eric E.	PhD. TEM	DMMMSU-MLUC	On Going
Jonathan G. Balcita	Ph. D. TEM	DMMMSU-MLUC	Ongoing
Peter Paul Q. Caldero	Ph. D. TEM	DMMMSU-MLUC	Ongoing
Frederick M. Manuel	Ph. D. -DA	DMMMSU-MLUC	CAR
Romeo C. Opeña Jr.	MATE-TVSM	DMMMSU-MLUC	CAR
Gloria B. Piken	Ph.D. in Administration and Supervision	UC	Ongoing
Josephine E. Cacayan	Ph.D. in Mathematics Education	DMMMSU-SLUC	Ongoing
Edwin F. Flores	Ph.D. in Mathematics Education	DMMMSU-SLUC	Ongoing
Loida M. Faller	Ed. D.	SLC	CAR
Joel C. Mendoza	Ph.D. EDAD		Ongoing
Arniel Padrigan	Ph.D. in Language Education		Ongoing
Avelina C. Visaya	Ph.D. in Management	SLC	Ongoing
Noemi M. Boado	Ph.D. in Mathematics Education	DMMMSU-SLUC	CAR
Remalyn Q. Casem			
Dyan T. Abulaban	Ph. D. TEM	DMMMSU-MLUC	Ongoing
Sharlane Gay Elaine V. Fabrigas	Ph. D. TEM	DMMMSU-MLUC	Ongoing
Keneth G. Bayani	DBA	UNP	Ongoing
Ballada, Dominador M.	Ph. D.		On Going
Bustillos, Rodrigo	Ph.D.	DMMMSU-MLUC	On Going
Corpuz, Florentina A.	ED. D.	BCU	Completed
Corpuz, Juanito C.	ED. D.	BCU	Completed
Gesta, Priscilla I.	ED. D.	CLSU	
Jucutan, Venus L.	Ph. D.	DMMMSU-MLUC	On Going
Olivares, Lazaro N.	Ph. D.	DMMMSU-MLUC	On Going
Tumbaga, Elizabeth B.	ED. D.	BCU	Completed
Lopez, Brenda P.	Ph. D.	DMMMSU-MLUC	Ongoing
Marquez, Geraldine N.	Ph. D.	DMMMSU-MLUC	Completed

NAME	DEGREE	SCHOOL	STATUS
Pacada, Charles A.	Ph.D.	DMMMSU-MLUC	On Going
Rivera, Joan V.	Ph.D.	DMMMSU-MLUC	On Going
<b>MASTERAL</b>			
Badon, Ralph Vincent H.	Master in Information Technology	DMMMSU-MLUC	Completed
Hufana, Gilbert R.	Master in Computer Science	University of the Cordilleras	Completed
Lamadrid, Bernardo D.	Master in Information Technology	DMMMSU-MLUC	Completed
Ledda, Mark Kristian C.	Master in Information Technology	DMMMSU-MLUC	Completed
Licayan, Arnold C.	Master in Information Technology	DMMMSU-MLUC	Completed
Malicdem, Alvin R.	Master in Information Technology	DMMMSU-MLUC	Completed
Mique, Eusebio L.	Master in Information Technology	DMMMSU MLUC	Completed
Nisperos, Zhella Anne V.	Master in Information Technology	University of the Cordilleras	Completed
Pimentel, Emmalou B.	Master of Science in Information Technology	Saint Louis University	Completed
Polido, Genevieve C.	Master in Information Technology	University of the Cordilleras	Completed
Rodriguez, Marylen D.	Master of Arts in Technology Education	DMMMSU-MLUC	Completed
Sapuay, Sheena I.	Master in Information Technology	DMMMSU MLUC	Completed
Sobrepeña, Perla Vanessa L.	Master in Information Technology	University of the Cordilleras	Completed
	Master in Business Administration	Saint Louis College	Completed
Andrada, Dennis M.	MME	DMMMSU- MLUC	Thesis Writing
Armiendo, Maryjean C.	MME	DMMMSU- MLUC	Thesis Writing
Cabradilla, Bonifacio C. Jr.	MME	DMMMSU- MLUC	Thesis Writing
Caccam, Federico F. Jr.	MME	DMMMSU- MLUC	On-Going
Sabado, Gina C.	MME	DMMMSU- MLUC	On-Going
Sampaga, Julius Raul C.	MME	DMMMSU- MLUC	Thesis Writing
Angel Guillermo	MATE-Math	DMMMSU	Ongoing
Eunice Caitryn P. Regala	MATE-TA	DMMMSU	Ongoing
Ireshlyn P. Mandoza	MA Science Education		CAR
Marive Corpuz	MATE	DMMMSU	Ongoing
Zenaida Salvatera	MA in Filipino	BCU	Ongoing
Glorefina Madayag	MATE	DMMMSU	Ongoing
Meljo Z. Apilado	MASE	OUS	Completed
Allan Rogelio M. Sobrevilla Jr.	MASE	OUS	Ongoing
Therese Anne O. Imbat	MATE	DMMMSU-MLUC	Ongoing



NAME	DEGREE	SCHOOL	STATUS
Jeremy S. Cacanindin	MATE	DMMMSU	Ongoing
Arlene C. Dejos	MBA	SLC	Ongoing
Lher Verrel S. Palabay	MBA	SLC	Ongoing
Rishell Nucaza	MDA Business Adm	DMMMSU	Ongoing
Flores, Joselito M.	MAEd		On Going
Gacayan, Leo A.	MATE TA	DMMMSU-MLUC	On Going
Guilanda, Belino B.	MATE	DMMMSU-MLUC	On Going
Isong, Marcelo P.	MAEd	DMMMSU-MLUC	On Going
Nisperos Criselda V.	MAEd	DMMMSU-MLUC	On Going
Allawey Fritz Krieg F.	MDA	BSU	Completed
Amano, Elena C.	MATE TA	DMMMSU-MLUC	On Going
Bose , Ma Linda G.	MAED	SLC	Completed
Carrera, Winstone B.	MA Guidance & Coun.	DMMMSU-SLUC	On Going
Daganta, Raquel L.	MASE	DMMMSU-OUS	On Going
Dumo, Gerald O.	MA Language Teaching	SLC	On Going
Fernando, Joselito G.	MATE – TA		On Going
Madayag, Charity P.	MAEd / MALT	DMMMSU-SLUC	On Going
Rimpillo, Leny Ann	MATE-TEPP	DMMMSU-MLUC	On Going
Rivera, Ryan John E.	MAME	DMMMSU-MLUC	On Going
Rodriguez, Dulce M.	MDA	DMMMSU-MLUC	On Going
<b>SOUTH LA UNION CAMPUS</b>			
<b>DOCTORAL</b>			
Osillos, Prescelita L.	Ph.D. in Biology	SLU, Baguio City	Ongoing
Pascua, Zenaida	Ph.D. in Psycho	MLQU, Manila	Ongoing
Selga, Mary Corinne R.	Ph.D. Science Ed.	DMMMSU-SLUC	Ongoing
Rualo, Glennadi R.	Ph.dD. in Genetics	UP-LB	Ongoing
Tadifa, Frederick	Ph.D. Science Ed.	DMMMSU-SLUC	Ongoing
Santos, Holly Lou M.	Ph.D. in Nursing	St. Paul College, Manila	Ongoing
Naoe, Divina	Ph.D. Educ'l. Psycho	DLSU, Manila	Ongoing
Rivera, Nenita	Ph.D. EDAD	DMMMSU-SLUC	Ongoing
Boado, Susan	Ph.D. TEM	DMMMSU-MLUC	Ongoing
Damaso, Joycelyn	Ph.D. TEM	DMMMSU-MLUC	Ongoing
Isidro, Jefferson	Ph.D. Math	DMMMSU-SLUC	Ongoing
Obillo, Jayson	Ph.D. in Science Ed.	DMMMSU-SLUC	Completed
Cuison, Floribeth	Ph.D. in Info. Tech.	AMA, Manila	Completed
Pedrola, Amelita	Ph.D. EDAD	DMMMS-SLUC	Completed
Viduya, Maricon	Ph.D. Languages	SLU, Baguio City	Completed
<b>MASTERAL</b>			
Alambra, Ralph Vincent	MS Math	UP-Baguio City	Ongoing
Aquino, Ronald L.	MS Math	UP-Baguio City	Ongoing
Bucasas, Karen	MS Math	UP-Baguio City	Ongoing
Caoile, Albert	MA Educ. Mgmt.	DMMMSU-SLUC	Ongoing
Carungay, Ralph	MA Curriculum Dev.	FEU	Ongoing
Claveria, Mary Grace	MAPE	DMMMSU-SLUC	Ongoing

NAME	DEGREE	SCHOOL	STATUS
Torres, John Raymund	MS Biology	DMMMSU-SLUC	Ongoing
Coloma, Imelda	MA Guid. & Counseling	DMMMSU-SLUC	Completed
Camilosa, Marites	MA in Educ. Mgmt.	SLC- Sn. Fdo. City, LU	Ongoing
Domondon, Gina L.	MA in Public Health	Southwestern Univ.	Ongoing
Ibabao, Rhodora	MA in Filipino	PSU	Ongoing
Alban, Liberty	M.A. Educ.	UCC	Ongoing
Flores, Junabel	MA Sped	DMMMSU-SLUC	Ongoing
Laron, Rhygema	MA Sped	DMMMSU-SLUC	Ongoing
Laguardia, Kenneth	MA Science Educ.	DMMMSU-SLUC	Ongoing
Duran, Isidro	MA in Info. Tech.	DMMMSU-MLUC	completed
<b>OPEN UNIVERSITY SYSTEM</b>			
<b>DOCTORAL</b>			
Abellera, Priscilla S.	Ph.D. Science Education	DMMMSU-GS	Ongoing
Madayag, Jayson O.	Ph.D. Development Administration	DMMMSU-OUS	Ongoing
Padua, Joseph A.	Ph.D. Public Administration	University of La Sallettee	Ongoing
<b>MASTERAL</b>			
De Vera, Armine Reina T.	Master in Development Administration	DMMMSU-MLUC	Ongoing
<b>SERICULTURE RESEARCH &amp; DEVELOPMENT INSTITUTE</b>			
<b>DOCTORAL</b>			
Pura S. Obille	Ph. D Rural Dev't	BSU	Completed
JP Roma D. Domingo	Ph. D Community Dev't	UP Los Baños	On-going
Delia V. Lopez	Ph. D in Educational Administration	DMMMSU- NLUC	On-going
Jimilee M. Garcia	Ph. D in Educational Administration	DMMMSU- NLUC	On-going
<b>MASTERAL</b>			
Conchita M. Almojuela	MS in Agricultural Education	DMMMSU-NLUC	On-going
Gregory Lawrence M. Bangug	Master in IT	DMMMSU-MLUC	On-going
Jerome D. Fernandez	Master in IT	DMMMSU-MLUC	On-going





A significant number of faculty and staff of the University attended (either as participants or paper presenters) seminars/trainings/conferences, held in local, national and international venues, Table 8.

**Table 8. Attendance to International Seminars/Trainings**

NAME	TITLE OF SEMINAR/ TRAINING	SPONSOR	VENUE	INCLUSIVE DATES
<b>CENTRAL ADMINISTRATION</b>				
Almoite, Orlando P.	International Workshop on Sustainable Industrialization and Commercialization of Non-Timber-Forest-Products and Sustainable Bamboo Development	Ministry of Science & Technology China & DMMMSU	Zhejiang, China	Aug.25-Sept. 13, 2013
Bangug, Diosdado B.	Strengthening ICRISAT-Philippines Partnership in Research and Development	ICRISAT	Patancheru, Telayara, India	September 28-October 3, 2013
Buccat, Honorio C.	International Congress and Conferment Ceremony	Royal Institutions Singapore	Singapore	May 1, 2014
	Academic Partnership with Chonburi Business Administration and Technological College (CBATC)	CBATC	CBATC, Chonburi, Thailand	March 14-20, 2014



NAME	TITLE OF SEMINAR/ TRAINING	SPONSOR	VENUE	INCLUSIVE DATES
Casuga, Aurora E.	Academic Partnership with Chonburi Business Administration and Technological College (CBATC)	CBATC	CBATC, Chonburi, Thailand	April 15-20, 2014
Delmendo, Zaldy R.	UBT-Learning Training Program	NSDevil Incorporation	Seoul and Busan, South Korea	December 8-12, 2013
Esguerra, Adriano T.	Flexible Learning (INNOTECH)	DMMMSU/INNOTECH	Hanoi, Vietnam	May 2013
	UBT-Learning Training Program	NSDevil Incorpora- tion	Seoul and Busan, South Korea	December 8-12, 2013
	Commercial Exposure of University Adminis- trators	DMMMSU & Cana- dian Executive Service Organiza- tion	Manitoba, Canada	September 22-27, 2013
Ogbinar, Antonio O.	International DAAD Alumni Summer School in the Framework of the Hannover Industrial Fair 2014	German Academic Exchange Service (DAAD) & Federal Ministry for Eco- nomic Cooperation and Development (BMZ), Germany	Brandenburg University of Tech- nology, Cottbus and Hannover, Germany	March 29-April 10, 2014
Sapitula, Benjamin P.	Capability Building for ILARRDEC Mem- ber-Agencies	ILARRDEC	Kassetsart Univer- sity, Thailand	June 24-29, 2013
	UBT-Learning Training Program	NSDevil Incorpora- tion	Seoul and Busan, South Korea	December 8-12, 2013
	Academic Partnership with Chonburi Business Administration and Technological College (CBATC)	CBATC	CBATC, Chonburi, Thailand	April 15-20, 2014
	International Sericul- ture Commission (ISC)	ISC/DMMMSU	Bengalore, India	May 5-11, 2014
Sapitula, Gena B.	Academic Partnership with Chonburi Business Administration and Technological College (CBATC)	CBATC	CBATC, Chonburi, Thailand	April 15-20, 2014
<b>NORTH LA UNION CAMPUS</b>				
Abalos, Emilia B.	Ecosystem Functions and Services for Food Security in the Face of Biodiversity Loss and Globalization in Southeast Asia	GADOON	Chiang Mai University, Thailand	March 16-24, 2014



NAME	TITLE OF SEMINAR/ TRAINING	SPONSOR	VENUE	INCLUSIVE DATES
Abalos, Emilia B.	Sustainable Forestry in South East Asia, Sub Saharan, Africa	GAFon, DAAD	Eldoret, Kenya	July 8-12, 2013
Lucena, Jomar J.	ASEAN +3 Forum	Gov't of Brunei, Darrusalam	Brunei, Darrusalam	Dec. 2-4, 2013
Bersamira, Venelyn L.	4th International Research Conference	REDTI	Aklan State University	April 23-25, 2014
Antolin, Nelly C.	First International AF Congress		Tagbilaran Bohol	March 6-8, 2014
Camalig, Fe M.	2nd International Research Forum on Research Output Dis-semination Across Discipline	Research & Educational Dev. Training Institute	VMUF, San Carlos City	April 18, 2013
Collado, Luz C.	1st ASEAN Conference in Agriculture and Bio-systems Engineering	PAEDA	Manila Hotel, Manila	Sept. 24-27, 2013
De Padua, Victoria M.	4th International Research Conference	REDTI	Aklan State University, Aklan	April 23-25, 2014
Espiritu, Raffy M.	11th International Agricultural Engineering Conference & Exhibit & 64th PSAE Annual National Convention	PSAE	VSU, ViSCA, Babybay City, Leyte	April 20-26, 2014
	1st ASEAN Conference in Agriculture and Bio-systems Engineering	PSAE	BSWM Conven-tion Hall, Diliman, Quezon City	Sept. 24-27, 2013
Laquidan, Arnelie G.	4th International Research Conference	REDTI	Aklan State University, Aklan	April 23-25, 2014
Manuel, Jaime Jr. I.	The Fourth IIMS Inter-national Conference on Dev. Mngt. In 21st Century	Punta Villa Resort, Arevalo, Iloilo City	Punta Villa Resort, Arevalo, Iloilo City	December 2, 2013
Ngilangil , Leonora E.	ASEAN Environmental Conference	PATLEPAM-DENR-EMB	DAP, Tagaytay City	Nov. 5-8, 2013
Quinquito, Joana N.	4th International Research Conference	REDTI	Aklan State Univer-sity, Aklan	April 23-25, 2014
Rodriguez, Cynthia M.	International Research Conference on Research Innovations in Engineering, Sci. & Tech.	IRCRIEST	BatSU, Batangas City	Nov. 27-29, 2013
Tabije, Nida B	International Research Conference on Inno-vations in Engineering, Science & Technology (IRCIENT)	Batangas State University	Batangas State University	Novem-ber 27-29, 2013

NAME	TITLE OF SEMINAR/ TRAINING	SPONSOR	VENUE	INCLUSIVE DATES
Turaja, Ma. Cristina B.	First International AF Congress		Tagbilaran Bohol	March 6-8, 2014
Zapanta, Amparo M.	International Conference on Early Childhood Education	PACAE	Baguio Convention Centerm Baguio City	April 24-26,2014
<b>MID LA UNION CAMPUS</b>				
Malicdem, Alvin R.	Dimension Reduction and Pattern Recognition for Rice Blast Disease	World Scientific and Engineering Academy Society	Kuala Lumpur, Malaysia	April 23-25, 2014
Remalyn Casem	International Research Conference	TSU	La Maja Rica Hotel, Tarlac	May 7-9, 2014
Pajimola, Allan Hil B.	International Conference of Asian Association of Public Administration (AAPA)	Asian Association for Public Administration & Philippine Society for Public Administration	Mandarin Plaza Hotel, Cebu City	Feb. 6-8, 2014
Daniel B. Gacayan	International and Digital Marketing	Phil. Junior Marketing Association	Tanghalang Pasigueno, Pasig City	September 26, 2013
<b>SOUTH LA UNION CAMPUS</b>				
Melda Uychuco	E-Teacher Scholar: Training on Professional Development Workshop Fall 2013	Department of State, USA	University of Oregon, USA	Oct. 19-Nov. 9, 2013
Richard Marzan	1st International Conference –PELS	PELS	Heritage Hotel, Manila	Dec, 2013
Joanne C. Rivera	International Conference on Advancement of Development	NIDA	NIDA, Bangkok, Thailand	May 30-June 1, 2013
Victoria N. Malaya	4th International Research Conference		Aklan State Univ.	Apri. 23-25, 2014
Chezy Lorenzo	International Seminar Workshop Best Practices in Teaching Grammar, Speaking and Reading		Hotel Supreme, Baguio City	Oct. 12-14, 2013
Marina R. Sabado	Agri-Green Mgmt: Agri-Environmental Considerations Under Climatic Changes	Hebrew University of Jerusalem	Israel	April 29-May 23, 2013
<b>SERICULTURE RESEARCH AND DEVELOPMENT INSTITUTE</b>				
Gemma E. Supsup Marlyn M. Viduya Janet D. Manuel Romeo C. Carasi	International Research Conference	Tarlac State University	La Maja Rica Hotel, Tarlac City	May 7-9, 2014



NAME	TITLE OF SEMINAR/ TRAINING	SPONSOR	VENUE	INCLUSIVE DATES
Mabel M. Caccam	1st International Agroforestry Congress		Bohol Plaza Resort, Dauis, Bohol	March 19-21, 2014
Julieta P. Abuan Mabel M. Caccam	16th Philippine Association of Agri-vironment Educators and Entrepreneurs (PASSAGE) Biennial Conference-Workshop and International Research Symposium		Cebu Business Hotel, Cebu City	Feb. 5-7, 2014
Julieta P. Abuan	International Research Conference on Innovations in Engineering, Science and Technology (IRCIEST)		Batangas State University in Batangas City, Batangas	Nov. 27-29, 2013
Francisco V. Gapuz, Jr. Flory M. Libunao	Asian Conference on Multidisciplinary Research (ACMRHE 2013)	IAMURE	Manila Marriott Hotel, Pasay City, Manila	Nov. 26-28, 2013
<b>NATIONAL APICULTURE RESEARCH TRAINING AND DEVELOPMENT INSTITUTE</b>				
George T. Bondot Mishima P. Soliba	Reverse Assignment on Beekeeping Training	CESO	Canada	April-October 2014
George T. Bondot	CESO/NARTDI Bee-keeping Study Tour	CESO	Winnipeg, Canada	September 2013







There were 39 R&D papers of the University that were published in international scientific journals, mostly in refereed journals, Table 9. This reflects the quality of researches produced by the University which are of world standards.

**Table 9. R&D Papers Published**

AUTHOR	TITLE OF PAPER	DATE & PLACE OF PUBLICATION
<b>NORTH LA UNION CAMPUS</b>		
Ida C. Junio Lourdes P. Bisco	Formulation and Standardization of Seaweed Flakes	E-International Scientific Research Journal, Vol. 5, Issue 1, 2013
Jaime I. Manuel, Jr. Valentino V. Prado Enone V. Tepait Rogelio M. Estacio Gerry N. Galvez Richard N. Rivera	Growth Performance of Sea Urchin, <i>Tripneustes gratilla</i> in Cages Under La Union Condition, Philippines	E-International Scientific Research Journal, Vol. 5, Issue 1, 2013
Gregory B. Viste Priscilo P. Fontanilla, Jr. Vicky A. Agpasa Nida B. Tabije Fe M. Camalig	Efficacy Test and Acceptability of Kakawate ( <i>Gliricidia sepium</i> ) Leaf Extract Soap Againsts Mange in Dogs	E-International Scientific Research Journal, Vol. 5, Issue 2, 2013
Raffy M. Espiritu	Prototype Design and Development of Re-Adjustable Multiplier Dibbler Ergonomic Tool (RaMde Tool) for Tray-Based Seedling Production of High Value Crops	E-International Scientific Research Journal, Vol. 5, Issue 2, 2013

AUTHOR	TITLE OF PAPER	DATE & PLACE OF PUBLICATION
Gregory B. Viste Rosenio C. Silvestre Nida B. Tabije Juliana Q. Silvestre	Efficacy of Virgin Coconut Oil Soap Against Mange in Dogs	E-International Scientific Research Journal, Vol. 5, Issue 2, 2013
Juliana Q. Silvestre Gregory B. Viste Rosenio C. Silvestre	Ectoparasitocidal Effect of VCO Shampoo in Dogs	E-International Scientific Research Journal, Vol. 5, Issue 2, 2013
Valentino V. Prado Gerry N. Galvez Richard N. Rivera	Size Structure and Density of Sea Urchin, <i>T. gratilla</i> Along Balaoan Waters, La Union, Philippines	E-International Scientific Research Journal, Vol. 5, Issue 2, 2013
Valentino V. Prado Ida C. Junio Enone V. Tepait Gerry N. Galvez Richard N. Rivera	2 in 1 plus Mariculture Farming System: A Livelihood Management Strategy for Coastal Families	E-International Scientific Research Journal, Vol. 5, Issue 2, 2013
Jaime I. Manuel, Jr. Rogelio M. Estacio Valentino V. Prado Ida C. Junio Enone V. Tepait Arnulfo B. Junio Gerry N. Galvez Lourdes P. Bisco	DMMMSU's Fisheries R&D an Intervention to Sustainable Livelihood for Coastal Families in La Union	E-International Scientific Research Journal, Vol. 5, Issue 3, 2013
Cynthia M. Rodriguez	Performance of Chicken Layer as Affected by Calcium Supplement	E-International Scientific Research Journal, Vol. 5, Issue 3, 2013
Shalimar L. Navalta Mario B. Mendoza	Don Mariano Marcos Memorial State University Integrated Management Information System (DIMIS)	E-International Scientific Research Journal, Vol. 5, Issue 3, 2013
Enone V. Tepait	Acceptability of Dried Pickled Seaweed	E-International Scientific Research Journal, Vol. 5, Issue 3, 2013
Virgilio M. Libunao Analyn V. Sagun	Selection and Evaluation of Various High-Value Citrus Species Under DMMMSU Condition	E-International Scientific Research Journal, Vol. 5, Issue 3, 2013
Velma T. Mangaser	Detasseling and Rate of Seedling of Young Cob Corn Intercropped with Okra During Wet Season	E-International Scientific Research Journal, Vol. 5, Issue 3, 2013
Emilia B. Abalos Lilia O. Sampaga	Effect of Bio-N, Mycovam, Vermicompost and Their Combination of the Growth and Yield of Banana	E-International Scientific Research Journal, Vol. 5, Issue 3, 2013
Nida B. Tabije Gregory B. Viste Fe M. Camalig Gemmaly Montero	Efficacy Trial of Lima Bean ( <i>Phaseolus lunatas</i> ) Ointment Againsts Dog Mange	E-International Scientific Research Journal, Vol. 5, Issue 3, 2013



AUTHOR	TITLE OF PAPER	DATE & PLACE OF PUBLICATION
Leonora E. Ngilangil Samuel O. Olivar Ma. Liezel A. Ballesil	Farmers Awareness and Knowledge on Climate Change Adaptation Strategies in Northern Luzon, Philippines	E-International Scientific Research Journal, Vol. 5, Issue 3, 2013
Emilia B. Abalos Lilia O. Sampaga	Growth and Yield of Banana var. Lakatan as Influenced by Azospirillum spp. Inoculation and Vermicompost	E-International Scientific Research Journal, Vol. 5, Issue 3, 2013
Genaro D. Omo	Growth and Yield of Selected Vegetables Sprayed with Mature Coconut Water	E-International Scientific Research Journal, Vol. 5, Issue 3, 2013
Renato F. Limon Lilia O. Sampaga	Varietal Performance of Sweet Potato During Wet and Dry Planting Seasons in La Union Province, Philippines	E-International Scientific Research Journal, Vol. 5, Issue 3, 2013
Virgilio M. Libunao Analyn V. Sagun Lucrecia A. Ancheta	Marcotted Pummelo ( <i>Citrus maxima</i> (Brrm.) Merr.) Species Treated with Different Concentrations of Commercial Alpha Naphthalene Acetic Acid (ANAA)	E-International Scientific Research Journal, Vol. 5, Issue 3, 2013
Angelita J. Prado Lilia O. Sampaga	Response of Pechay, ( <i>Brassica rapa</i> ) to Organic Fertilizer Under DMMSU-NLUC Condition, La Union, Philippines	E-International Scientific Research Journal, Vol. 5, Issue 3, 2013
Rosenio C. Silvestre Fe M. Camalig Juliana Q. Silvestre	Prevalence of Ectoparasites and Endoparasites of Carabao in Region 1	E-International Scientific Research Journal, Vol. 5, Issue 3, 2013
Shalimar L. Navalta Rufo A. Baro Mario B. Mendoza	Management Approaches to Computer Security Threats of the Don Mariano Marcos Memorial State University, La Union	E-International Scientific Research Journal, Vol. 5, Issue 4, 2013
Cecilia C. Villamor	Effects of Potting Media of the Performance of Tissue Culture Derived Seedlings of Ginger Under Nursery Conditions	E-International Scientific Research Journal, Vol. 5, Issue 4, 2013
Rodolfo G. Nillo	Sipulo Integrated Sericulture Project: A Model for Sericulture Technology Adoption	E-International Scientific Research Journal, Vol. 5, Issue 4, 2013
	Optimizing Returns from the Use of Cocoons for the Sericulture	E-International Scientific Research Journal, Vol. 5, Issue 4, 2013
<b>MID LA UNION CAMPUS</b>		
Anabella G. Valdez	Physio-Chemical & Microbiological Qualities of Ube Powder	Referred
Victorio C. Palabay	Sheet Metal Engraving and Forming Machine	Referred

AUTHOR	TITLE OF PAPER	DATE & PLACE OF PUBLICATION
Zonia T. Florendo Melchor D. Salom	Awareness, Acceptability and Relevance of The Vision, Mission, Goals and Objectives of the BSEMT Program	Refereed
Elizabeth B. Tumbaga Proscilla I. Gesta Florentina A. Corpuz	Textile Properties of Senseviera Cylindrical	Referred
<b>SOUTH LA UNION CAMPUS</b>		
Isidro L. Duran	K-12 Online Grading System	Not refereed (Book of abstract)
Christianne Lynnette C. Cabanban	User Perception and Acceptance of Mobile Learning in Higher Education	Not refereed (Book of Abstract)
Isidro L. Duran Darwin Llavore Belinda M. Dungan	Study Habits and the Performance of the BSCS Students in Computer Programming I	Not refereed (Book of Abstract)
Isidro Duran Michaelangelo Dacanay Nema Rose de Vera	Class Schedule: A Predictor of Student's Performance in Computer Subjects	Not refereed (Book of Abstract)
Joe Anthony Milan	Online Information Management System (SIMS) of the Laboratory High School of DMMMSU	Not refereed (Book of Abstract)
<b>SERICULTURE RESEARCH AND DEVELOPMENT INSTITUTE</b>		
Elizabeth H. Madrid Antonio E. Madrid Rodolfo S. Nillo Salvador Badua	Sipulo Integrated Sericulture Project: A Model for Sericulture Technology Adoption	E-International Scientific Research Journal Consortium Vol. 5, Issue 4, October 2013
Romeo C. Carasi Ivan F. Telan Bonifacio V. Pera	Biology of Common Cutworm ( <i>S. litura</i> ) of Mulberry	International Journal of Scientific and Research Publications, Vol. 4, Issue 4, April 2014



A total of 102 R&D papers were presented in competitive regional, national and scientific symposium and fora, Table 10. Many of these papers stood out and won awards.

**Table 10. R&D Papers Presented**

AUTHOR	TITLE OF PAPER	ACTIVITY	VENUE	DATE
<b>NORTH LA UNION CAMPUS</b>				
Enone V. Tepait	Dried Pickled Seaweed	2013 Regional Invention Contest and Exhibit	PSHS-Ilocos Region, Campus, San Ildefonso, Ilocos Sur	June 24-28, 2013
Rogelio M. Estacio	The Process of Making Seaweed Bath Soap	2013 Regional Invention Contest and Exhibit	PSHS-Ilocos Region, Campus, San Ildefonso, Ilocos Sur	June 24-28, 2013
Ida C. Junio	Formulation and Standardization of Seaweed Flakes Food Products	2013 Regional Invention Contest and Exhibit	PSHS-Ilocos Region, Campus, San Ildefonso, Ilocos Sur	June 24-28, 2013
Emilia B. Abalos Lilia O. Sampaga	Response of Outplanted Banana Variety Lakatan to Bio-organic Fertilizer	Commodity Review on Fruit Crops	PSU Sta. Maria Conference Hall, Sta. Maria, Pangasinan	August 12, 2013
	Performance of Papaya Varieties to Organic Fertilization	Commodity Review on Fruit Crops	PSU Sta. Maria Conference Hall, Sta. Maria, Pangasinan	August 12, 2013



AUTHOR	TITLE OF PAPER	ACTIVITY	VENUE	DATE
Juliana Q. Silvestre Rosenio C. Silvestre Gregory B. Viste	Effect of Storage Duration on the Efficacy of VCO Soap Against Ectoparasites of Dogs	Commodity Review on Other Cereals, Livestock and Forage	Conference Room, DA RFU 1-ILIARC, Bacnotan, La Union	August 13, 2013
Genaro D. Omo	Growth and Yield Performance of Selected Vegetables Sprayed with Different Concentration of Matured Coconut Water	Commodity Review on Legumes, Ornamentals, Medicinal, Vegetables Bulb and Root Crops	ILARRDEC-OSIS, CRL Building, MMSU, Batac City, 2906 Ilocos Norte	August 20, 2013
Renato F. Limon Lilia O. Sampaga	Varietal Performance of Sweet Potato ( <i>Ipomea batatas</i> Linn.)	Commodity Review on Legumes, Ornamentals, Medicinal, Vegetables Bulb and Root Crops	ILARRDEC-OSIS, CRL Building, MMSU, Batac City, 2906 Ilocos Norte	August 20, 2013
Velma T. Mangaser Florentino P. Orpilla	NCT for Field Legumes	Commodity Review on Legumes, Ornamentals, Medicinal, Vegetables Bulb and Root Crops	ILARRDEC-OSIS, CRL Building, MMSU, Batac City, 2906 Ilocos Norte	August 20, 2013
Ida C. Junio Lourdes P. Bisco	Formulation and Standardization of Seaweed Flakes Food Products	Commodity Review on Fisheries	Farmers Training Center, ISPSC, Sta. Maria, Ilocos Sur	September 4, 2013
Rogelio M. Estacio	DMMSU-NLUC, FRTI, Extension Project	Commodity Review on Fisheries	Farmers Training Center, ISPSC, Sta. Maria, Ilocos Sur	September 4, 2013
Valentino V. Prado Gerry N. Galvez Richard N. Rivera	Spatial and Temporal Variations of Sea Cucumber Population in La Union	Commodity Review on Fisheries	Farmers Training Center, ISPSC, Sta. Maria, Ilocos Sur	September 4, 2013
Juliana Q. Silvestre Fe M. Camalig Vicky A. Agpasa Nida B. Tabije Rosenio C. Silvestre Gregory B. Viste Priscilo P. Fontanilla, Jr.	Botanical Anti-Mange Soap	25th Regional Symposium on R&D Highlights	MMSU, Teatro Ilocandia, City of Batac, Ilocos Sur	October 23-24, 2013
Ida C. Junio Lourdes P. Bisco	Formulation and Standardization of Seaweed Flakes' Food Products	25th Regional Symposium on R&D Highlights	MMSU, Teatro Ilocandia, City of Batac, Ilocos Norte	October 23-24, 2013

AUTHOR	TITLE OF PAPER	ACTIVITY	VENUE	DATE
Priscilo P. Fontanilla, Jr. Alijames Israel G. Rulloda	Efficacy of Emulsified Squash ( <i>Cucurbita maxima</i> ) Seeds Against Gastrointestinal Helminthes of Philippine Native Chicken ( <i>Gallus domesticus</i> ), (Undergraduate Category)	25th Regional Symposium on R&D Highlights	MMSU, Teatro Ilocandia, City of Batac, Ilocos Norte	October 23-24, 2013
Desiree A. Villar Venus S. Dayso	Quailty of Drinking Water Sources in Lowland Barangays of Santol, La Union (Undergraduate Category)	25th Regional Symposium on R&D Highlights	MMSU, Teatro Ilocandia, City of Batac, Ilocos Norte	October 23-24, 2013
Velma T. Mangaser Florentino P. Orpilla	Baro a Barayti ti Mani Ken Soya Pangnamnamaan ti Apitda (Poster Cayegory)	25th Regional Symposium on R&D Highlights	MMSU, Teatro Ilocandia, City of Batac, Ilocos Norte	October 23-24, 2013
Renato F. Limon Lilia O. Sampaga	Narang-ay nga Barayti ti Kamote Para iti Naray-ray nga Biag ni Mannalon (Poster Category)	25th Regional Symposium on R&D Highlights	MMSU, Teatro Ilocandia, City of Batac, Ilocos Norte	October 23-24, 2013
Rogelio M. Estacio et al.	Wagas/ Pamay-an Para ti Agtultuloy a Pagbirokan Dagiti Pamilya nga Agindeg ti Igid Baybay Ditoy La Union: Panangiyalatiw iti Teknolohiya iti Panagkalapan ti DMMSU (Poster Category)	25th Regional Symposium on R&D Highlights	MMSU, Teatro Ilocandia, City of Batac, Ilocos Norte	October 23-24, 2013
Emilia B. Abalos Lilia O. Sampaga	Bio-N, Vital N, Mycovam and Vermicompost on Outpotting and Outplanting Tissue Cultured Banana ver. Lakatan (Poster)	21st National Fruit Symposium Philippine Fruit Association of the Philippines	University of Southern Philippines, Obrero, Davao City	October 21-25, 2013

AUTHOR	TITLE OF PAPER	ACTIVITY	VENUE	DATE
Virgilio M. Libunao Analyn V. Sagun Dante A. Tattao Lucrecia A. Ancheta Lydia P. Libunao Emilia B. Abalos	Potential Citrus Species for La Union (Poster)	21st National Fruit Symposium Philippine Fruit Association of the Philippines	University of Southern Philippines, Obrero, Davao City	October 21-25, 2013
Emilia B. Abalos Lilia O. Sampaga	Kulang ang Abono! Mag inoculants (Bio-N, Vital N, Mycovam) at Vermicomposting sa Saging (Poster Category)	25th Regional Symposium on R&D Highlights	MMSU, Teatro Ilocandia, City of Batac, Ilocos Norte	October 23-24, 2013
Raffy M. Espiritu	Agusar ri RaMdE ToolTM para ti Nanam-ay a Panagpalakayen (Poster Category)	25th Regional Symposium on R&D Highlights	MMSU, Teatro Ilocandia, City of Batac, Ilocos Norte	October 23-24, 2013
Nida B. Tabije Gregory B. Viste Fe M. Camalig	Efficacy Trial of Lima Bean ( <i>Phaseolus lunatos</i> ) Ointment Against Dog Mange	International Research Conference on Innovations in Engineering, Science and Technology (IRCIEST 2013)	Batangas State University, Batangas City, Philippines	November 27-29, 2013
Cynthia M. Rodriguez Medelyn A. Aglipay	Sea Urchin Shell Meal for Poultry Rations	International Research Conference on Innovations in Engineering, Science and Technology (IRCIEST 2013)	Batangas State University, Batangas City, Philippines	November 27-29, 2013
Juliana Q. Silvestre Rosenio C. Silvestre	Prevalence of Ectoparasites Infesting Goats in Region I, Philippines During Rainy and Dry Season	International Research Conference on Innovations in Engineering, Science and Technology (IRCIEST 2013)	Batangas State University, Batangas City, Philippines	November 27-29, 2013
Leonora E. Ngilangil	Farmers Awareness and Knowledge on Climate Change Adaptation Strategies in Northern Luzon, Philippines	2013 Asian Environmental Educators Conference	Development Academy of the Philippines	November 5-7, 2013



AUTHOR	TITLE OF PAPER	ACTIVITY	VENUE	DATE
	Climate Change Adaptation of Fisherfolks in the Province of La Union	PSSN Annual Scientific Conference	Capitol Resort Hotel, Lingayen Pangasinan	November 20-23, 2013
	Grinning Bulilit Environmental Education – PIB	AIHR, Commodity Review	DENR, Region 1	
Jomar J. Lucena	Environmental Effects of the Controlled Dumpsite in Selected Barangays of Tagudin, Ilocos Sur	PSSN Annual Conference	Capitol Resort, Lingayen, Pangasinan	November 20-23, 2013
Jacklyn C. Andrada	Environmental Compliance of Tunnel Vent Poultry Projects in La Union	PSSN Annual Conference	Capitol Resort, Lingayen, Pangasinan	November 20-23, 2013
Rogelio M. Estacio	Seaweed Bath-soap Product Formulation and Development	1st International West Philippine Sea	Western Philippine University, AA Plaza Hotel, Puerto Princesa City	February 20-21, 2014
Ida C. Junio Lourdes P. Bisco	Formulation and Standardization of Seaweed Flakes	1st International West Philippine Sea	Western Philippine University, AA Plaza Hotel, Puerto Princesa City	February 20-21, 2014
Valentino V. Prado Ida C. Junio Enone V. Tepait Gerry N. Galvez Lourdes P. Bisco	The 2 in 1 Plus Mariculture Farming System (A Livelihood Development Strategy for Coastal Families)	1st International West Philippine Sea	Western Philippine University, AA Plaza Hotel, Puerto Princesa City	February 20-21, 2014
Jaime I. Manuel, Jr. Rogelio M. Estacio Valentino V. Prado Ida C. Junio Enone V. Tepait Arnulfo B. Junio Gerry N. Galvez	Technology Transfer and Networking for Sustainable Livelihood for Coastal Communities in La Union: A Case for Higher Educational Institution	24th PHILARM National Convention	Amigo Terrace Hotel, Iloilo City	April 10-12, 2014

AUTHOR	TITLE OF PAPER	ACTIVITY	VENUE	DATE
Raffy M. Espiritu Luz Collado	Design and Development of DMMMSU 3-in-1 Farmalite (Seeder, Seedling Transplanter and Fertilizer Applicator) for Rainfed Areas	11th International Engineering Conference & Exhibition, 84th PSAE Annual National Convention & 25th Phil. Agricultural Engineering Week	Visayas State University, Visca Baybay Leyte	April 21-25, 2014
Leonora E. Ngilangil Desiree A. Villar	Effects of Effective Microorganisms on Soils Physical and Chemical Properties	PSSN 14th Annual Scientific Conference	Benguet State University	May 20-24, 2014
<b>MID LA UNION CAMPUS</b>				
<b>INTERNATIONAL</b>				
Alvin R. Malicdem	Dimension Reduction and Pattern Recognition for Rice blast Disease	13th WSEAS International Conference on Applied Computer and Applied Computational Science	Renaissance Hotel, Kuala Lumpur, Malaysia	April 23-25, 2014
Noemi M. Boado	Laboratory Manual in General Physics	International Research Conference	Tarlac City, Philippines	May 7-9, 2014
<b>NATIONAL</b>				
Sheena I. Sapuay	Web-Based Document and Records Management System for Bureau of Agricultural Statistics-Regional Operations Center-I	7th Northern Luzon Research Congress	SLU, Baguio City	March 11, 2014
<b>SOUTH LA UNION CAMPUS</b>				
<b>INTERNATIONAL</b>				
Christianne Lynnette G. Cabanban	User Perception and Acceptance of Mobile Learning in Higher Education	Research Presentation	Cebu City	February 7, 2014
Isidro L. Duran	Class Schedule: A Predictor of Student's Performance in Computer Subjects	Research Presentation	Cebu City	February 7, 2014

AUTHOR	TITLE OF PAPER	ACTIVITY	VENUE	DATE
Belinda M. Dungan	Study Habits and the Performance of theBSCS Students in Computer Pro-gramming 1	Research Presentation	Cebu City	February 7, 2014
Agustin R. Veras Jr.	Usability of the Agoo Unified ID System (UIDS)	Research Presentation	N Hotel, Cagayan De Oro City	Jan. 30-31, 2014
Jerome P. Songcuan	Usability of the Municipal Ordinance and Resolution Digital Archiving System	Research presentation	N Hotel, Cagayan De Oro City	Jan. 30-31, 2014
Flordeliza Dalumay	Ethnicity, Epistemological Beliefs and Cultural Learning Environment of Science Teachers and Students in Selected Teacher Education Institution in Region I and CAR	5th Asean Conference on education	Ramada, Osaka, Japan	Oct. 23-27, 2013
Joanne Rivera	Status of Involvement Among NGOs/ POs, RLAS and LGUs in Regional Government Program and Project Implementation	2nd interntional Conferenvce on Advancement of development Administration	Bangkok, Thailand	May 30-June 1, 2013
Milagros Baldemor	Performance Effi-ciency of DMMMSU Colleges and Institutes: A Data Envelopement Anal-ysis (DEA) Study	IFORS/EURO International Con-ference on Or FOR Development	Sapienza Univer-sity, Rome, Italy	June 27-28, 2013
Jesus Rafael B. Jarata	eForum Participation of the CAS Faculty and Students in DMMMSU-SLUC	4TH Malaysian International Con-ferences in Foreign Languages	Melacca, Malaysia	Aug. 3-4, 2013



AUTHOR	TITLE OF PAPER	ACTIVITY	VENUE	DATE
Eduard M. Albay	Performance Efficiency of College of Computer Sciences of State Universities and Colleges in Region I: A Data Envelopment Study Analysis	2013 International Conference in Interdisciplinary Innovations	BArcIE Internatl Center, La Consolacion University, Malolos, Bulacan	Dec. 3-6, 2013
Joji Ann Regacho	Decision Making Style and Quality of Dept. Chairmen of DMMMSU-SLUC, Agoo, La Union	2013 International Conference in Interdisciplinary Innovations	BArcIE International Center, La Consolacion University, Malolos, Bulacan	Dec. 3-6, 2013
Agustin R. Veras, Jr. Jerome Songcuan Carlos Villanueva Jonathan Estilong	Usability of the Municipal Ordinance and Resoultuion Digital Archiving System	South East Asian Conference on Graft and Corruption and Institutional Research	Cagayan de Oro City	Jan. 30-31, 2014
Agustin Veras Jr. Jerome P. Songcuan	Usability of the Agoo Unified ID System (UIDS)	South East Asian Conference on Graft and Corruption and Institutional Research	Cagayan de Oro City	Jan. 30-31, 2014
Isidro L. Duran Darwin C. Llavore Belinda M. Dungan	Study Habits and the Performance of the BSCS Students in Computer Programming I	International Youth Educators Summit on Transformative Educ.	Cebu City	Feb. 7-10, 2014
Isidro L. Duran Michaelangelo Dacanay Nema Rose de Vera	Class Schedule: A Predictor of Student's Performance in Computer Subjects	International Youth and Educators Summit on Transformative Educ.	Cebu City	Feb. 7-10, 2014
<b>NATIONAL</b>				
Joe Anthony Milan	Online Information Management System (SIMS) of the Laboratoy High School of DMMMSU	Research Presentation	Baguio City	September 3, 2013
Elizabeth B. Urmaza Anabella G. Jacaban Edna S. Aloat	Performance of BEST in Brackishwater Ponds in Three Culture System		Munoz, Nueva Ecija	June 19-20, 2013

AUTHOR	TITLE OF PAPER	ACTIVITY	VENUE	DATE
Janna E. Manzano	Health-Seeking Behaviors of Post Cerebrovascular Accident Clients: A Road to Recovery	6th National Nursing Research Conference	The Crown Legacy Hotel, Baguio City	Nov. 29-30, 2013
Elizabeth B. Urmaza Anabella G. Jacaban Edna S. Aloat	Brackishwater-enhanced Selected Tilapia in Three Different Culture Systems (Dry Season)	CY 2013 Year End Project Review, Evaluation and Planning Workshop	Tanza, Cavite	Dec. 16-20, 2013
Jinnie R. Mamhot Victoria N. Malaya Alfredo L. Quesada Jr.	Community-Based STBF Project Gracilaria Production in La Union	PCARRD Governing Council	PCARRD, Los Banos, Laguna	Feb. 27, 2014
<b>REGIONAL</b>				
Elizabeth B. Urmaza Anabella G. Jacaban Edna S. Aloat	Demo-POroduction on the Grow-out Production of Two Siganid species ( <i>S. Guttatus</i> and <i>S. Vermiculatus</i> ) in Ponds	25th ILARRDEC Regional and Dev. Review	MMMSU, Batac, I.N.	Sept. 21-23, 2013
Elizabeth Urmaza Anabella Jacaban Edna Aloat	Demo-POroduction on the Grow-out Production of Two Siganid species ( <i>S. Guttatus</i> and <i>S. Vermiculatus</i> ) in Ponds	2013 Fisheries R & D Review	ISPSC, Sta. Maria, I.S.	Sept. 4, 2013
Elizabeth Urmaza Anabella Jacaban Edna Aloat	Demo-Project on the Production of Best in Brackishwater Ponds	2013 Fisheries R&D Review	ISPSC, Sta. Maria, I.S.	Sept. 4, 2013
<b>SERICULTURE RESEARCH AND DEVELOPMENT INSTITUTE</b>				
<b>INTERNATIONAL</b>				
Marlyn M. Viduya (Presenter) Gemma E. Supsup Julieta P. Abuan Marybel L. Sanchez Maricris E. Ulat	Performance Evaluation And Selection Of Cross Breeds In Multivoltine And Bivoltine Silkworm Purelines	International Research Conference	La Maja Rica Hotel, Tarlac City	May 7-9, 2014

AUTHOR	TITLE OF PAPER	ACTIVITY	VENUE	DATE
Gemma E. Supsup (Presenter) Marlyn M. Viduya Julieta P. Abuan Marybel L. Sanchez Maricris E. Ulat	The Use of Combining Ability Test and Multiple Evaluation Index in the Identification of Superior Bivoltine Silkworm Hybrids	International Research Conference	La Maja Rica Hotel, Tarlac City	May 7-9, 2014
Janet D. Manuel	Improvement on the Economic Traits of F1 Silkworm Hybrid (DMMMSU 213) as Affected by the Different Oviposition Materials	International Research Conference	La Maja Rica Hotel, Tarlac City	May 7-9, 2014
Romeo C. Carasi (Presenter) Roberto H. Ancheta	Sericulture-Based Farm Enterprise: "Livelihood and Employment of Rural People"	International Research Conference	La Maja Rica Hotel, Tarlac City	May 7-9, 2014
Mabel M. Caccam (Presenter) Zosima Q. Carasi Gerardo P. Dacayanan Roel D. Supsup Josephine A. Guiner	Development of Sericulture-Based Agroforestry Systems For Farmers in Region I - Philippines	1st International Agroforestry Congress	Bohol Plaza Resort, Dauis, Bohol	March 19-21, 2014
Julieta P. Abuan (Presenter) Gemma E. Supsup, Marybel L. Sanchez, Marlyn M. Viduya Maricris E. Ulat	Sex-Linked Silkworm (DMMMSU-SLB) Hybrids: Towards a Gainful Sericulture Enterprise	16th Philippine Association of Agri-vironment Educators and Entrepreneurs (PASSAGE) Biennial Conference-Workshop and International Research Symposium	Cebu Business Hotel, Cebu City	February 5-7, 2014
Mabel M. Caccam	Effects of In-organic and Organic Fertilizers on the Growth and Yield of Mulberry and in Cocoon Yield Quality of Silkworms	16th Philippine Association of Agri-vironment Educators and Entrepreneurs (PASSAGE) Biennial Conference-Workshop and International Research Symposium	Cebu Business Hotel, Cebu City	February 5-7, 2014



AUTHOR	TITLE OF PAPER	ACTIVITY	VENUE	DATE
Francisco V. Gapuz, Jr.	Third Instar Silkworm Larvae Production and Distribution: A Support to Silk Industry	Asian Conference on Multidisciplinary Research (ACMRHE 2013)	Manila Marriott Hotel, Pasay City, Manila/	November 26-28, 2013
Flory M. Libunao (Presenter) Rubelyn V. Delfin Milagros S. Nillo	Development and Production of Dupion and Dupion-Allied Products	Asian Conference on Multidisciplinary Research (ACMRHE 2013)	Manila Marriott Hotel, Pasay City, Manila/	November 26-28, 2013
<b>NATIONAL</b>				
Angelina T. Gonzales Bonifacio V. Pera Luzviminda S. Agas	Survey Identification and Characterization of a Pathogen Causing Root Rot in Mulberry	45th Anniversary and Scientific Conference of Pest Management Council of the Philippines (PMPC)	Mandarin Plaza Hotel, Cebu	May 6-9, 2014
<b>REGIONAL</b>				
Gemma E. Supsup (Presenter) Marybel L. Sanchez Marlyn M. Viduya Julieta P. Abuan Maricris E. Ulat	Silkworm Germplasm Materials for a Productive Cocoon Crop  Combining Ability Test for Bivoltine Silkworm Strains	25th Regional Symposium on R&D Highlights	Teatro Ilocandia, MMSU, Batac City, Ilocos Norte	October 23-24, 2013
Jocelyn Q. Higoy (Presenter) Pura S. Obille Julieta P. Abuan Edna A. Galano Gemma E. Supsup Marlyn M. Viduya Marybel L. Sanchez Maricris E. Ulat	Potential of DMMMSU Newly-Evolved Silkworm Hybrids in the Production of Silk Products  Yield Trial Evaluation of Newly Identified Silkworm Hybrids	25th Regional Symposium on R&D Highlights	Teatro Ilocandia, MMSU, Batac City, Ilocos Norte	October 23-24, 2013
Romeo C. Carasi (Presenter) Roberto H. Ancheta	Integrated Farming Approaches Towards a Productive Seri-Based Agribusiness  Integrated Farming Approaches for Seri-based Agribusiness	25th Regional Symposium on R&D Highlights	Teatro Ilocandia, MMSU, Batac City, Ilocos Norte	October 23-24, 2013

AUTHOR	TITLE OF PAPER	ACTIVITY	VENUE	DATE
Zosima Q. Carasi	<i>Dekalidad na Pataba Mula sa Pagseserikultura</i>  Vermicomposting of Sericulture Rearing Wastes	25th Regional Symposium on R&D Highlights	Teatro Ilocandia, MMSU, Batac City, Ilocos Norte	October 23-24, 2013
Marybel L. Sanchez Marlyn M. Viduya Gemma E. Supsup Julieta P. Abuan Maricris E. Ulat	Mga Bagong Palahiang Uod-Seda Para sa Tropikong Klima  Performance Evaluation of Bivoltine Purelines	25th Regional Symposium on R&D Highlights	Teatro Ilocandia, MMSU, Batac City, Ilocos Norte	October 23-24, 2013
Milagros S. Nillo Rubelyn V. Delfin Flory M. Libunao	<i>Habing Suksuk Seda: Dekalidad at Bukod-Tanging Disensyo Swak sa Merkado</i>  Commercialization Potential of Suksuk for Handwoven Silk Fabric	25th Regional Symposium on R&D Highlights	Teatro Ilocandia, MMSU, Batac City, Ilocos Norte	October 23-24, 2013
Julieta P. Abuan, Marlyn M. Viduya, Gemma E. Supsup Marybel L. Sanchez Maricris E. Ulat	Silkworm Purelines and Hybrids for a Sustainable Industry	2013 Regional Invention Contest and Exhibitions (RICE)	Philippine Science High School, San Ildefonso, Ilocos Sur	June 24-28, 2013
<b>NATIONAL APICULTURE RESEARCH TRAINING AND DEVELOPMENT INSTITUTE</b>				
<b>NATIONAL</b>				
Mishima Soliba, et al.	Bee Health Management	11th National Beekeeping Symposium Cum Symposium	Kultura Splash Wave and Resorts, Pugo, La Union	February 19-21, 2014
Arvin Tuyan, et al.	Pollen Supplement for Royal Jelly Production	11th National Beekeeping Symposium Cum Symposium	Kultura Splash Wave and Resorts, Pugo, La Union	February 19-21, 2014
Shirley Lopez, et al.	Bee Products Standardization	11th National Beekeeping Symposium Cum Symposium	Kultura Splash Wave and Resorts, Pugo, La Union	February 19-21, 2014
Jaime C. Dangle	Status of the Beekeeping Industry	11th National Beekeeping Symposium Cum Symposium	Kultura Splash Wave and Resorts, Pugo, La Union	February 19-21, 2014

AUTHOR	TITLE OF PAPER	ACTIVITY	VENUE	DATE
<b>REGIONAL</b>				
Jaime C. Dangle	Basic Beekeeping	Agri-Pinoy Grand Field Day 2014 Technology Forum	Quirino Experimental Station 9DA-QES), Dungo, Aglipay, Quirino	April 28-29, 2014
Joseph Panas Mishima Soliba David De Castro Arvin Sobrepena	Bee Health Management	Regional Symposium on R & D Highlights	Theatro Ilocandia, MMSU, Batac City, Ilocos Norte	October 23-24, 2013
Jaime C. Dangle Merlito Antolin	Panangpasayaat Kadagiti Pagtaudan ti Taraon Gaditi Alig	Regional Symposium on R & D Highlights	Theatro Ilocandia, MMSU, Batac City, Ilocos Norte	October 23-24, 2013
Jaime C. Dangle George T. Bondot	Development of Honeybee Pollinated Orchard Towards Increasing Productivity	Regional Symposium on R & D Highlights (Poster)	Theatro Ilocandia, MMSU, Batac City, Ilocos Norte	October 23-24, 2013
Rowel M. Munar, et al.	Design, Fabrication and Performance Testing of Honey Press for Native Bees	Regional Symposium on R & D Highlights (Poster)	Theatro Ilocandia, MMSU, Batac City, Ilocos Norte	October 23-24, 2013
Merlito D. Tangalin, et al.	Honeybee Pollination of Sunflower ( <i>Helianthus annuus</i> )	Commodity Review (Research)	DMMSU-NLUC	August 16, 2013
David De Castro, et al.	Supplemental Feeding and Bee Management System for Honey Production	Commodity Review (Research)	DMMSU-NLUC	August 16, 2013
Shirley Lopez, et al.	Development and Standardization of Soaps Utilizing Honeybee Hive Products	Commodity Review (Research)	DMMSU-NLUC	August 16, 2013
Shirley Lopez, et al.	Utilization of Philippine Local Cherry ( <i>Terminalia edulis blanco</i> ), Soursop ( <i>Annona muricata</i> ), and Cashew ( <i>Anacardium occidentale</i> ) Fruits for Honey Wine Making	Commodity Review (Research)	DMMSU-NLUC	August 16, 2013



AUTHOR	TITLE OF PAPER	ACTIVITY	VENUE	DATE
Pablo Masiong, et al.	Financial Profitability of Beekeeping	Commodity Review (Research)	DMMMSU-NLUC	August 16, 2013
Shirley Lopez, et al.	Packaging Technology Development for Apiculture Products	Commodity Review (Research)	DMMMSU-NLUC	August 16, 2013
Shirley Lopez	NARTDI Training Program	Commodity Review (Extension)	DMMMSU-NLUC	August 16, 2013
Joseph Panas, et al.	NARTDI Demonstration Apiary	Commodity Review (Extension)	DMMMSU-NLUC	August 16, 2013
Jaime Dangle, et al.	Bee Pasture Development	Commodity Review (Extension)	DMMMSU-NLUC	August 16, 2013







There were more than 20,000 clients from all parts of the country who were beneficiaries of extension activities of the University, Table 11. These activities ranged from technical assistance, trainings, community outreach, lecture demonstrations, tree planting, environmental protection to training needs assessment.

**Table 11. Extension Activities Conducted**

TITLE	NUMBER/KIND OF BENEFICIARIES	PLACE	DATE
<b>NORTH LA UNION CAMPUS</b>			
Training on Mushroom Production	63	Nangobongan, San Juan, Abra	May 27, 2014
Skills Enhancement Seminar-Workshop on Cooking International Cuisine and Learning Basic Make Up	141	DMMMSU-NLUC, Sapilang, Bacnotan, La Union	March 20, 2014
Seminar and Workshop on Cleaner Production	30	DPERF, Baroro, Btn. L.U.	March 19, 2014
Training on Ginger Production	31	Casilagan, Naguilian, La Union	February 26, 2014
Livelihood Training Program on Meat Processing, Baking, Puto and Ensaymada Making	39	Bacnotan National High School, Bacnotan, L.U.	February 3-4, 2014
Professor in the Barangay – Climate Change Adaptation in Coastal Community	120- Barangay Officials, Municipal Employees and students	Poblacion, Bacnotan, La Union	September 25, 2013
Livelihood Development Training Program for Farmers	30	Lisqueb, Bacnotan, La Union	September 11, 2013

TITLE	NUMBER/KIND OF BENEFICIARIES	PLACE	DATE
Community Extension Program (IAWM)	36	Paagan, Bacnotan, La Union	August 15, 2013
Road Clean-Up Drive	180/ Students	DMMMSU-NLUC Premises	Every 3rd wed of the month
Tapat mo, Linis Mo Program	All CCS Students	Infront of IRLA Building	Every Wednesday
Lectured on Homemaking Tips Demonstration on Soap Making and Dishwashing	45 Housewives	Salincob, Bacnotan, La Union	Nov. 20 2013 Dec. 10, 2013
Professor in the Barangay Animal Health Parasite Prevention & Control Laboratory Diagnosis Hemosep Vaccination Rabies Prevention & Control Massive Rabies Vaccination Rabies Information Drive Information Drive on the Use of VCO & KLE Soap	138 Animal Raisers 15 Animal Owners 42 Dog Owners 8 animal owners, 21 students 32 Large Animals/Farmers 2,123 dog owners 159 large animals/farmers 9 pet owners 11 pet owners 8 pet owners 32 pet owners 6 pet owners 14 pet owners  19 pet owners 22 pet owners	Different towns of La Union Diff. Barangays of Btn. Carcarmay Elem. Sch. Btn VMUF, San Carlos City San Carlos City MMSU, Batac, I.N. BSU, Batangas North Luzon Cluster Science Technology Fair Exhibit Baguio City 2014 Foundation Day 9th Agriculture and Fisheries Tech. Forum & Prod. Exhibition, SM Megamall 25th Regional Symposium on R&D Highlights Batac Ilocos Norte	Jan-Dec 2013  Jan-Dec 2013 Oct 2, 2013 Oct. 23-24, 2013 Nov. 26-29, 2013  Oct 1-4, 2013 August 8-11, 2013       Oct. 23-24, 2013
Organic Backyard Gardening & Organic Fertilizer Production	Faculty & Students	San Gabriel Vocational High School, San Gabriel, La Union & San Juan National High School, San Juan La Union	December 5, 2013
Organic Backyard Gardening & Organic Fertilizer Production	Faculty & Students	Butubut National High School, Balaoan, La Union	November 28, 2013



TITLE	NUMBER/KIND OF BENEFICIARIES	PLACE	DATE
Organic Backyard Gardening & Organic Fertilizer Production	Faculty & Students	San Gabriel Vocational High School, San Gabriel, La Union	November 15, 2013
Organic Backyard Gardening & Organic Fertilizer Production	Faculty & Students	San Gabriel Vocational High School, San Gabriel, La Union	October 18, 2013
Organic Backyard Gardening & Organic Fertilizer Production	Faculty & Students	Butubut National High School, Balaoan, La Union	June 14, 2013
<b>MID LA UNION CAMPUS</b>			
Livelihood Program	150 Community Folks	Lacong, San Gabriel, La Union	Oct 5, 2013
	89 Community Folks	Baroro, Bacnotan, La Union	Oct 12, 2013
Professional Sharing Seminar on Research and Development	45 Public School Teachers	Lacong, San Gabriel, La Union	August 16, 2013
	22 Public School Teachers	San Vicente, SFC	August 23, 2013
Adopt a Barangay 2 Day Computer-Training Workshop	16	Cacapian, San Juan, La Union	July 29-30, 2013
Adopt a School 1 Day Computer Seminar-Workshop	17	Bangbangolan, National High School	October 29, 2013
Give a gift Program	16	Cacapian, San Juan, La Union	December 17, 2013
Electronic National Achievement Test (NAT) Review for Grade 6	22	DMMMSU-MLUC	December 2013 -
Basic Arc Welding and Basic House Wiring	Out of School Youth	Brgy. Biday, SFC. L.U	February 24-26, 2014
Basic Arc Welding and Basic House Wiring	Out of School Youth	Brgy. Sili, Naguilian, L. U	April 2-4, 2014
Lecture and Demonstration: 1. Basic Computer Literacy 2. Handicraft Making	4 Faculty Members 11 BSIE Extensionists	Cadaclan Elementary School	July 23, 2013
Tree Planting Activity in Connection with the Green Revolution and Beautification Project	4 Brgy. Officials 33 BSIE Students 9 BSIE Faculty	Brgy. Pagudpud, San Fernando City, La Union	June 22, 2013
Extension and Outreach Program	Pupils School Officials Teachers	Pugo Elementary School, Pugo, Bauang, La Union	July 31, 2013

TITLE	NUMBER/KIND OF BENEFICIARIES	PLACE	DATE
Extension and Outreach Program	Pupils School Officials Teachers	Sevilla Elementary School, Sevilla San Fernando City, La Union	August 14, 2013
Extension and Outreach Program River Clean-up Tree Planting Operation LinisKanal Feeding Program	Pupils School Officials Teachers Barangay Officials	San Felipe Elementary School and Barangay San Felipe San Juan La Union	September 13, 2013
Parliamentary procedures	17 members of the Barangay Council and officers of Organizations in the barangay	Suguidan Sur, Naguilian, La Union	May 2014
Livelihood Training	40 Barangay Folks (mostly women)	Suguidan Sur, Naguilian, La Union	May 2014
Computer Literacy	12 Out-of-School Youth	College of Arts and Management	May 2014
Certificate in Entrepreneurship	35 Barangay Folks (mostly store owners and residents who are engaged in other small businesses)	Suguidan Sur, Naguilian, La Union	May 2014
Solid Waste Management	38 Barangay folks	Suguidan Sur and Lioac Sur	April and May 2014
Certificate in Entrepreneurship	17 Barangay Folks (mostly store owners and residents who are engaged in other small businesses)	Lioac Sur, Naguilian, La Union	February – April, 2014
Computer Literacy	33 OSY and older barangay folks	College of Arts and Management	August – October 2013
15-Day Skills Development Training	ALS	Agoo West Community Learning Center, San Julian Agoo, La Union.	May 2014
Technology Demonstration of the Boyboy Pollen Grain Remover Machine	HOUSEHOLDS OF SUYO	Bagulin Central School Ground, Suyo, Bagulin La Union.	April 2014
8-month Skills Training and Enhancement on Automotive Servicing	motorpool personnel	Buang La Union	July – March 2014
Needs Assessment Survey to the Relief Society of the Church of Jesus Christ of the Later Day Saints	Relief Society of the Church of Jesus Christ of the Later Day Saints	Bacnotan, La Union	Nov. 2013
Skills Training on Fruit Sculpting and Food Decoration to the Relief Society of the Church of Jesus Christ of the Later Day Saints	Relief Society of the Church of Jesus Christ of the Later Day Saints	San Juan Ward La Union	Oct. 2013

TITLE	NUMBER/KIND OF BENEFICIARIES	PLACE	DATE
Skills Training on Electrical Safety to the Relief Society of the Church of Jesus Christ of the Later Day Saints	Relief Society of the Church of Jesus Christ of the Later Day Saints	San Juan Ward La Union	Oct. 2013
<b>SOUTH LA UNION CAMPUS</b>			
Intensive English Language Training for School Teachers (Series I) DMMMSU-LGU	180 English Teachers	DMMMSU-Agoo	Aug 30-31, 2013
Masining na Pagkukuwento	69 Youth	SBFCAI	July 6, 2013
Basic Operations on Numbers	69 Youth	SBFCAI	July 6, 2013
Tayo ay Maglakbay	46 Youth	SBFCAI	July 6, 2013
Values Enhancement	40 Youth	SBFCAI	July 6, 2013
Intro to Computer	40 Youth	SBFCAI	July 13, 2013
Basketball Basics	40 Youth	SBFCAI	July 13, 2013
Biological Neuroscience	42 Youth	SBFCAI	July 13, 2013
Tornados	42 Youth	SBFCAI	July 13, 2013
Story Telling	60 Youth	SBFCAI	Aug 3, 2013
Allergies, Disaster Readiness	23 Youth	SBFCAI	Aug 3, 2013
Solids and Liquids	26 Youth	SBFCAI	Sept 7, 2013
Subject Verb Agreement	25 Youth	SBFCAI	Sept 7, 2013
Fish and Seaweed Processing Training	72 Fishfarmer	DMMMSU IF	
Computer Literacy Training for the Barangay	26 Barangay Folks	DMMMSU CCS	Jul 17, 2013
Training on Vermiculture	15 Farmers	Damortis Rosario	Jul 11, 2013
Mushroom Production	68 Farmers	Pila, Luna	Aug 15, 2013
Mushroom Production	30 Farmers	Rosario, La Union	Sept 30, 2013
Personality Development and Work Ethics Care and Support the Children Household Management Meal Preparation	43 Housewives	ATVETC	
Livelihood Training for the Young	260 Youth	SBFYAI	
Teacher Support and Educational Development Program	150 Teachers	CE	
Training-Workshop on Writing Research Proposal Towards Building Science Culture in Region I	150 Teachers	CE	
Values Re-orientation	36 Youth	SBFCAI	Oct 5, 2013



TITLE	NUMBER/KIND OF BENEFICIARIES	PLACE	DATE
Seminar-Workshop on How to Make Embutido and Personalized Keychain, Cellphone Accessories and Bracelets	36 Housewives	San Nicolas East Agoo	Oct 2, 2013
Lecture Demonstration on How to Make Longanisa and Veggie Patties	22 Housewives	San Nicolas East Agoo	Nov 27, 2013
Fish and Mushroom Processing	20 Farmers	DMMMSU IF	
Bangus Deboning	30 Housewives	DMMMSU IF	
Post Harvest and Product Formulation Training on the Utilization of Gracilaria	80 Farmers	DMMMSU IF	
Mushroom Production Training	95 Farmers	DMMMSU IA	
Mathematics Training Series	137 Teachers	Eriguel Hall	Jan 26-27, 2014
Research and Extension Interface	187 Teachers	Eriguel Hall	Feb 11, 2014
Eureka! Grasping for Words, Grammar and Drama	1200 Students	Gym	Jan 8, 2014
Adlibs and Scripts: Hosting Thrills and Anxieties	1200 Students	Gym	Jan 8, 2014
Business as Usual- With Communication Letters	1200 Students	Gym	Jan 8, 2014
Makipaglaro sa Salita	1200 Students	Gym	Jan 8, 2014
Converging Old Style with the New	150 Students	Gym	Jan 9, 2014
Oral Exercising and Speaking Out Loud	1200 Students	Gym	Jan 9, 2014
Job Placement Seminar-Workshop for BSCS Graduating Students	272 Students	Gym	Jan 23, 2014
Mathematics Training Series	180 Students	Gym	Jan 26-28, 2014
Community- Immersion thru NSTP: An Overview	1000 Students	Gym	Jan 25 – Feb 1, 2014
Seminar-Workshop on Community Immersion Towards a Responsive Community Action	1000 Students	Gym	Feb 1, 2014
Job Placement Seminar Workshop	278 Students	Gym	Feb 6, 2014
School Based Gender Development	250 Students	Gym	Feb 6, 2014

TITLE	NUMBER/KIND OF BENEFICIARIES	PLACE	DATE
13th Luzon wide Higher Education Press Conference	820 Students	Gym	Feb 12-14, 2014
5th Oral Presentation: Social Responsibility and Quality Management of Local Government Officials in the Province of La Union: Basis for a Training Program for Local Officials	40 Students	Multi Purpose Center	Feb 19, 2014
6th Oral Presentation: Personality and Level of IQ and Perceived Seating Preference of BS Mathematics Students of DMMMSU SLUC	40 Students	Multi Purpose Center	Feb 19, 2014
7th Oral Presentation " Morphological Characterization and Assessment of Colonization Rates of AMF Associated with Climbing Soybean and Sam Samping	40 Students	Multi Purpose Center	Feb 20, 2014
8th Oral Presentation " Coral and Cover Diversity Analysis of Carias and Quezon Island of the Hundred Island National Park	40 Students	Multi Purpose Center	Feb 20, 2014
Responsible Parenthood and Reproductive Health Law, Population, HIV Education : Issues and Trends	150 Students	Gym	March 8, 2014
Self-Awareness and Value of Trust and Forgiveness	40 Students	Multi Purpose Center	March 22, 2014
Language Shenanigans: Articulating Thoughts Through Speaking, Writing and Reading	50 Students	Multi Purpose Center	March 27, 2014
Breathing In and Out: managing Office Stress and Pressure	50 Students	Multi Purpose Center	March 27, 2014
Insights and Perspective: New GE Program in Action	50 Students	Multi Purpose Center	March 27, 2014
Going Nuts? When Your Thinking Becomes at Risk	50 Students	Multi Purpose Center	March 27, 2014
Church and State: Engaging the Controversial Couples in Dynamic Transition	50 Students	Multi Purpose Center	March 27, 2014
Voyage of the Global Village: Trends in Science Exposed	50 Students	Multi Purpose Center	March 27, 2014

TITLE	NUMBER/KIND OF BENEFICIARIES	PLACE	DATE
Perspectives, Problems and Practices in Mathematics and Statistics	50 Students	Multi Purpose Center	March 27, 2014
Masasayang Kasaysayan na di Masasayang	50 Students	Multi Purpose Center	March 27, 2014
Let the Young Say " Mind Your Own Business"	50 Students	Multi Purpose Center	March 27, 2014
Bringing Life to Powerful Presentation – thru Prezi	50 Students	Multi Purpose Center	March 27, 2014
Breathing Numbers and Enjoying Statistical Opportunities	50 Students	Multi Purpose Center	March 27, 2014
Share –A-Share	130	Lab Room	Feb 8, 15, 22, 2014 Mar 1, 19, 20, 2014
Kimchi making	15 Farmers	DMMMSU IA	Jan 29, 2014
Calcium Enrich Products	65 Housewives	DMMMSU IF	Feb 22, 2014
Eco Tourism Community Based	53 Housewives	DMMMSU IF	Jan 22, 2014
Personality Development and Work Ethics Care and Support the Children Household management Meal Preparation	3 Housewives	ATVETC	Oct 3, 2013
Teacher Support and educational Development Program	150 Teachers	College of Education	
La Union Inter School Environmental Forum and Public Speaking Contest	178 Teachers	College of education	Feb.21-22, 2014
Professional Development Workshop for English Teachers of DMMMSU	50 Teachers	College of Education	Jan. 29-30, 2014
Discourse in Language and SPED Issues	50 Teachers	College of education	Feb. 28, 2014
Mushroom Production Training	55 farmers, teachers, students	Pila, Luna LU	Aug 15, 2013
Mushroom Production Training	35 OSY of ADPLS (Agoo-Damortis Protected Landscape & Seascape)	Monte Del Rosario Resort,RLU	Oct 29-30, 2013
Mushroom Production Training	23 OSY/Anakbukid members & farmers	Tabtabungao, RLU	May 15, 2014
Kimchi Preparation Training	45 Brgy Officials of Bani, Rabon, Damortis & Agoo	DMMMSU-IA	Nov. 13, 2013
Artificial Insemination in Swine	15 Rural Women & students	DMMMSU-IA	January 29, 2014
Aerobic Rice Technology	38 backyard raisers	La Union, Pangasinan & Tuba, Benguet	June-December 2013



TITLE	NUMBER/KIND OF BENEFICIARIES	PLACE	DATE
Kyusei Natural Farming & EM Technology	10 cooperators 45 stakeholders, farmers, faculty & staff	Rosario, La Union DMMMSU-IA	June-Decem-ber 2013 April 3, 2014
Personality Development and Work Ethics Care and Support the Children Household management Meal Preparation	3 Housewives	ATVETC	Oct 3, 2013
Teacher Support and educational Development Program	150 Teachers	College of Educa-tion	
La Union Inter School Envi-ronmental Forum and Public Speaking Contest	178 Teachers	College of educa-tion	Feb.21-22, 2014
Professional Development Workshop for English Teach-ers of DMMMSU	50 Teachers	College of Educa-tion	Jan. 29-30, 2014
Discourse in Language and SPED Issues	50 Teachers	College of educa-tion	Feb. 28, 2014
<b>OPEN UNIVERSITY SYSTEM</b>			
Learning Skills Seminar and Training	172 new students	DMMMSU-OUS	July 27, 2013
Mushroom Production Train-ing	35 farmers	Barangay Pila, Luna, La Union	August 15, 2013
Medical/Dental Mission	200 barangay folks/farmers (children and elderly)	Barangay Pila, Luna, La Union	September 19, 2013
Participation in the Univer-sity - R & E Day	8 farmers from Pila, Luna, La Union	DMMMSU - NLUC, Sapilang, Bacno-tan, La Union	January 15, 2014
Needs Assessment Survey	100 barangay folks	Nagyubuyuban, San Fernando, La Union	April 13, 2014
<b>SERICULTURE RESEARCH AND DEVELOPMENT INSTITUTE</b>			
Conducted Trainings: In-Service Training on Mulberry Production & Man-agement	16 SRDI Staff	DMMMSU-SRDI	May 27 - June 20, 2013
Farmers' Training on Mulber-ryEstablishment	3 farmers	Casiaman, Bacno-tan, La Union	June 10-11 and 28, 2013
Farmers Training on Mul-berry Establishment	6 farmers	Legleg, San Juan, La Union	June 14, 16 & 28 2013
Farmers' Training on Mul-berry Establishment	7 farmers	Cataguingtingan, Rosario, La Union	June 28, 2013
45-Day Intensive Training Course in Sericulture Silkworm Rearing, Egg Production and Silkworm Breeding	16 SRDI Staff	DMMMSU-SRDI	July 22 - August 30, 2013

TITLE	NUMBER/KIND OF BENEFICIARIES	PLACE	DATE
(Module II) Cocoon Processing, Silk Yarn Production, Silk Weaving, Thrown Silk Production, Wet Processing and Novelty Items Making (Module III) Novelty Items Making	15 SRDI Staff	DMMMSU-SRDI	September 2-6, 2013
CSC Seminar on Administrative Justice	31 students	DMMMSU-SRDI	Sept. 12, 2013
OJT on Silkworm Rearing for Ortega Farmers	70 employees	DMMMSU-SRDI	Oct. 2-3, 2013
Novelty Items Production for Abra Farmers	3 farmers	Ortega, Bacnotan, La Union	Nov.25-Dec. 6, 2013
On-the-Job Training on Silk Yarn Production	10 farmers	Lagangilang, Abra	Dec. 5-6, 2013
Seminar on Fire Prevention and Control	24 students	DMMMSU-SRDI	Feb. 19, 26 and March 5, 2014
Orientation Seminar on Sericulture (Prospective Farmers in Bacnotan)	212 employees	DMMMSU-NLUC	March 21, 2014
Orientation Seminar on Sericulture (LGU-Sto. Tomas, L.U.)	13 farmers 5 barangay chairmen	DMMMSU-SRDI	May 27, 2014 May 28, 2014
Technical Services Mulberry establishment/ replanting Silkworm rearing for cocoon production	14 farmer-cooperators	Project sites in Bacnotan, San Juan, San Fernando, Naguilian, Rosario, Balaoan, La Union; Lagangilang, Abra and Sta. Maria, Ilocos Sur	June 2013-May 2014
Technology Piloting and Utilization	21 farmer-cooperators	Project sites in Bacnotan, San Juan, San Fernando, Naguilian, Rosario, Balaoan, La Union; Sison, Pangasinan; Lagangilang, Abra; and Sta. Maria, Ilocos Sur	June 2013-May 2014
Documentation Publications (IEC materials production)	Faculty and staff, guests/visitors, farmer-clientele, benefactors, students	DMMMSU-SRDI/NLUC, Project sites	June 2013-May 2014

TITLE	NUMBER/KIND OF BENEFICIARIES	PLACE	DATE
Monitoring and Evaluation	35 farmer-cooperators	Project sites in Bacnotan, San Juan, San Fernando, Naguilian, Rosario, Balaoan, La Union; Sison, Pangasinan; Lagangilang, Abra; and Sta. Maria, Ilocos Sur	June 2013-May 2014
Marketing Assistance	94 clients (farmers and other cocoon producers)	Different project sites in La Union, Abra, Ilocos Sur; Benguet; SRDI	June 2013-May 2014
Area Validation	19 sites	San Martin/ Paagan/ Ubbog/ Casiaman/ Narra/ Nagsaraboan, Bacnotan, L. U.; Castro, Sudipen, L.U.; Cauringan, Sison, Pangasinan; Calumbuyan, Balaoan; Cataguindingan, Rosario, L. U.; Cabaroan/Legleg San Juan, L. U.; Ortiz, Naguilian, L. U.; Fernando, Sto. Tomas, L.U.; Sirang Lupa, Calamba, Laguna	
<b>NATIONAL APICULTURE RESEARCH TRAINING AND DEVELOPMENT CENTER</b>			
On-the-Job Training on Beekeeping	6 beekeepers	NARTDI Apiary, DMMMSU-NLUC, Sapilang, Bacnotan, La Union  Buguias Apiary, Buguias, Benguet	April – June, 2014
	1 Beekeeper	NARTDI Apiary, DMMMSU-NLUC, Sapilang, Bacnotan, La Union	Feb-March 2014



TITLE	NUMBER/KIND OF BENEFICIARIES	PLACE	DATE
Five-Day Beekeeping Training	23 Farmers, Businessmen	Cabanilla Hall, IRLA Bldg. DMMMSU-NLUC, Sapilang, Bacnotan, La Union	March 17 – 21, 2014
Specialized Training on Honeybee Pest and Diseases Management	5 DA Quarantine Officers	Cabanilla Hall, IRLA Bldg. DMMMSU-NLUC, Sapilang, Bacnotan, La Union	November 11 – 15, 2013
Seminar-Workshop on Entrepreneurship, Leadership and Income Generation	21 from SUCs, LGUs, OPAG-PGLU, DTI, CESO, DMMMSU-NARTDI	Honeybee Center, Raois, Bacnotan, La Union	September 24-26, 2013
Five-Day Beekeeping Training	13 farmers	Cabanilla Hall, IRLA Bldg. DMMMSU-NLUC, Sapilang, Bacnotan, La Union	August 12-16, 2013
Maintenance of colonies of the 11 apiary sites	265 colonies	Bacnotan, Bauang, San Juan, La Union	June 2013 – May 2014
Honey production	1,094.6 kgs	Baguio City and Bugias, Benguet	
Hive Management	38 beekeeping trainees	La Union	
Integrated Pest Management	38 beekeeping trainees	La Union	
Honey flow management	5 OJT, 22 trainees of BSU-CRAC	Benguet	
Migratory beekeeping	5 OJT	La Union and Bugias, Benguet	
Queen Rearing	13 beekeepers in Bugias, Benguet; 6 OJT	Bugias, Benguet	
Provision of nucleus colonies (assistance and research purposes)	NARTDI research (12 colonies), PAC (10 colonies), MINSCAT (6 colonies)	La Union, Pampanga, and Mindoro	July-Dec 2013
Provision of queen bees (assistance)	33 queen bees	Luzon	
Field Symptoms Diagnosis and Detection	5 apiary sites	Bacnotan, Bauang, San Juan, La Union	July-Sept 2013
Mass Treatment of Colonies Against Varroa Mites	200 colonies 127 colonies	Bacnotan, Bauang, San Juan, La Union Baguio City and Bugias, Benguet	July-Sept 2013 Jan-Mar 2014
Produced quality mated queens	315 mated queens	Bugias, Benguet	Nov 2013-May 2014
Care and maintenance of 12 different kinds of bee pasture plants	2,683 trees	DMMMSU-NLUC, Sapilang, Bacnotan, La Union	June 2013 – May 2014
Watershed Development	Beekeepers, Farmers, Agriculturists, Researchers, Extension workers, Beekeeping Supporters and Enthusiasts	DMMMSU-NLUC, Sapilang, Bacnotan, La Union	June 2013 – May 2014

TITLE	NUMBER/KIND OF BENEFICIARIES	PLACE	DATE
Orchard Development (Planted seedlings)	300 cherry, 120 cashew, 50 beetle nut, 2000 hills of morning glory	DMMMSU-NLUC, Sapilang, Bacnotan, La Union	July-Sept 2013
Commercialization of Honey Vinegar Packaging of honeybee by-products	Private & Government Sectors  94 bottles of honey vinegar, 9 bottles of honeywine, 4 bottles of liquid soap with propolis	Luzon	June 2013 - May 2014
Honeybee Colonies monitored	150 colonies of NARTDI located at 11 apiary sites  87 beekeepers	Bacnotan, Bauang, San Juan, La Union Baguio City and Bugias, Benguet Luzon	June 2013-May 2014
Colonies of beekeepers monitored	199 colonies	Luzon	
Honeybee queens dispersed and monitored	87 beekeepers	Luzon	
Moisture content determination of honey produced	18-20% moisture content	Honeybee Processing Center	July 2013
NARTDI Apimonitor	4 issues		June 2013-May 2014
Updating and maintenance of NARTDI Facebook Fanpage and Webpage Documentation and publication of beekeeping related activities	Beekeepers, Farmers, Agriculturists, Researchers, Extension workers, Beekeeping Supporters and Enthusiasts		







A total of P7,075,438.15 net income was generated by the University from its various income-generating projects, Table 12. Top earners were the fastfood of North La Union Campus; laboratory kitchenette of Mid La Union Campus; space rentals/stalls and canteen of South La Union Campus and the Technology Fee and Call Center and Medical Transcription of the Open University System.

**Table 12. Income Generated**

IGP	IN-CHARGE	NET INCOME (P)
<b>NORTH LA UNION CAMPUS</b>		
Bato	Leovigildo Camba	2,097.00
Beach House	Enone Tepait	13,183.65
Casiaman Farm	Ruben Dacayanan	17,232.60
Calamansi	Preciosa Dacpano	8,194.59
Computer Services	Expedito Villanueva	127,365.94
Dragonfruit	Velma Mangaser	2,190.60
Fastfood	Erlinda Lucero	522,086.21
Forest Products	Jessie Ufano	59,236.60
FRTI Canteen	Marietta Valdez	58,562.22
Guest House	Necita Suguitan	49,000.00
Handicraft	Dante Guiner	3,251.00
Horticulture	Renato Limon	3,918.50
Large Ruminant	Eufemio Sagun	15,188.00
Mango	Jessie Ufano	56,403.00
Mushroom	Lucrecia Ancheta	5,575.25
Piggery	Lydia Libunao	153,859.37
Poultry (Broiler)	Cynthia Rodriguez	90,221.95
Poultry (Eggs)	Cynthia Rodriguez	17,470.12
Rambutan	Eufemia Crudo	40,726.70
	Total	1,131,988.87

IGP	IN-CHARGE	NET INCOME (P)
<b>MID LA UNION CAMPUS</b>		
Sale of School Uniform	College IGP (c/o College Custodian, Mr. Daniel Gacayan)	46,355.00
Laboratory Kitchenette	Prof. Maria Elnora P. Eleazar	310,478.75
Bakery	Prof. Maria Elnora P. Eleazar	13,859.60
Water Refilling Station	Prof. Evangelina C. Gapuz	17,447.58
Rental Facilities	Prof. Fermina Catherine B. Marzan	1,073,976
Ladies Residence Hall	Prof. Fermina Catherine B. Marzan	129,450.00
Miscellaneous Income	Prof. Fermina Catherine B. Marzan	214,654.00
Sale of Mangoes	Prof. Fermina Catherine B. Marzan	9,500.00
	Total	1,815,720.93
<b>SOUTH LA UNION CAMPUS</b>		
Agoo		
Space Rental (Stalls	Susan Boado	279,950.00
Space Rental (Others)	Susan J. Boado	75,330.00
Ladies' Dorm	Flora Apilado	1,733.00
Gym Dorm	Flora Apilado	61,921.25
ITMS	Engr. Conrado Basa	11,909.00
Gate Pass	Jesse Jarata	6,480.00
Library Eqt. Rental	Nancy Galban	5,411.00
Agoo Canteen	Leilani Rapisura	430,513.84
	Sub-total	143,577.42
Rosario		
Alipang Canteen	Mercedita Dizon	13,539.15
Nagtagaan Canteen	Amalia Lomboy	160,855.39
KOICA Artificial Insem.	Florencio Halog	27,226.30
KOICA & IGP Piggery	Florencio Halog	82,441.70
Vegetable Skypond	Jesus Gapuz	4,740.00
Nagtagaan Fam Rice	Jesus Gapuz	75,250.00
Blackpepper	Maina Sabado	3,250.00
Mango Orchard	Dr. Salvador Jucar	4,640.00
	Sub-Total	371,942.54
Sto. Tomas		
Canteen	Rebecca de la Cruz	11,108.19
Rentals		5,080.00
Faculty Dorm		4,400.00
Students' Dorm		30,200.00
	Sub-Total	50,788.19
Other Income		
Rent – Digitel		218,153.00
	TOTAL	783,360.25



IGP	IN-CHARGE	NET INCOME (P)
<b>OPEN UNIVERSITY SYSTEM</b>		
Lodging	Mary Jane Lardizabal	37,330.00
Rent of Multi Purpose Hall	Mary Jane Lardizabal	5, 750.00
Learning Skills Seminar	Buenaventura Caluscosin	15,440.00
Continuing Education Program	Buenaventura Caluscosin	32,300.00
Sales from Newspaper and Waste Material	Mary Jane Lardizabal	2,788.00
Photocopying and Printing	Mary Jane Lardizabal	3,082.00
Water	OUS	9,100.00
Book Binding	Mary Jane Lardizabal	9,947.00
Technology Fee	OUS	1,948,381.10
	TOTAL	2,058,368.10
<b>NATIONAL APICULTURE RESEARCH TRAINING AND DEVELOPMENT INSTITUTE</b>		
NARTDI (Incidental Income from Research and Extension projects)		
Honey (cash)		395,310.00
Honey stock inventory ( ready for sale)		143,100.00
Starter colony (cash)		387,000.00
Starter colony (ready for sale)		120,000.00
Mated Queen bee (cash)		32,000.00
Mated Queen bee (ready for sale)		8,000.00
Training fee		184,500.00
On the Job Training Laboratory fee		7,000.00
Wax Foundation Sheets		240.00
Honey Bottles (empty 8oz)		1,250.00
Honey Vinegar		525.00
Fruits (bee pasture)		7,075.00
	TOTAL	1,286,000.00
	GRAND TOTAL	7,075,438.15



There were 49 infrastructure projects, worth P52,214,574.92, that were completed, Table 13. Funding of these projects was sourced out from various donors, e.g. national and local leaders, alumni, private firms, and the Commission on Higher Education.

**Table 13. Completed Infrastructure Projects (Outsourced)**

FACILITY	PURPOSE	ESTIMATED VALUE (P)	DONOR
<b>NORTH LA UNION CAMPUS</b>			
Road Concreting (Road to CE)	Road Improvement	1,500,000	Hon. Ma. Minda Fontanilla
Water Tank Platform, Executive House		86,932.30	Central Administration
Construction of Marker Gate II	Signages	39,682.98	Central Administration
Repair of Central Park Stage	Stage improvement/enhancement	1,364,357.34	Central Administration
High School Frontage Painting	Building improvement	80,000.00	Central Administration
Administration Building Painting	Building improvement	230,500.00	Central Administration
AE Roof Rehabilitation Phase 2	Building roof improvement	1,550,000.00	Central Administration
IVM Roof Rehabilitation Phase 2	Building roof improvement	3,215,700.00	Central Administration
Student Center Painting	Building improvement	58,000.00	Central Administration
Student Center Roofing Works	Building roof improvement	463,000.00	Central Administration
Rehabilitation of College of Education Building	Building improvement	2,000,000.00	Central Administration
Improvement of BSABM Reading Center	Conducive learning environment	89,150.00	Central Administration
Improvement of Infirmary – BPAA Building	Building Improvement	115,000.00	Central Administration
DA Ceiling and Electrical Works	Building improvement	1,024,200.00	Central Administration

FACILITY	PURPOSE	ESTIMATED VALUE (P)	DONOR
Fabrication of Signages (10 units)	Signages	33,170.00	Central Administration
Library Tiling-NLUC Administration Building	Building improvement	209,800.00	Central Administration
	TOTAL	12,059,492.62	
<b>MID LA UNION CAMPUS</b>			
New Classroom	For Grade I	500, 000.00	Sen. Trillanes
Covered Court Bleachers	Student Activities/Programs	100,000.00	CAM Parents Teachers Association
Dressing Room	PE Classes/Programs	100,000.00 92,000.00	CAM-PTA Alumni Batch 2013
College of Law Building	Classrooms	25,000,000.00	Various Officials of the Province of La Union
	TOTAL	25,292,000.00	
<b>SOUTH LA UNION CAMPUS</b>			
Construction of ELS Interior Court Floor Slab & Drainage Canal	Provide the ELS pupils a venue for diverse school activities that need shelter and enclosure.	200,000.00	
Construction of 4-Units Additional Door at LHS Classrooms	Comply with school building standards as prescribed in the National Building Code.	20,000.00	
Installation of Floor Tiles at CCS Dean's Office	Enhance the old floor cover for improved sanitation and to provide the office an improved ambience.	47,000.00	
Rehabilitation of LHS Computer Room (Floor Tiling)	Enhance the old floor cover for improved sanitation and to provide the office an improved ambience.	50,000.00	
ELS Interior Court Roof Painting & Downspout Installation	Enhance the building appearance, protect the roof cover and prevent rain water from spreading along eavelines	25,000.00	
Repair of Pre-Fab. Building Doors - 8 Sets	Secure the building and improve its physical appearance.	4,000.00	
Rehabilitation of College Building Comfort Room near College Canteen	Provide the students with better and safer comfort facilities.	200,000.00	
Rehabilitation of CAS Comfort Room	Provide the students with better and safer comfort facilities.	200,000.00	
Construction of ICHAMS Study Shed	Provide the students a safe place to do extraneous class work.	186,413.62	



FACILITY	PURPOSE	ESTIMATED VALUE (P)	DONOR
Construction of Gabion Wall at Ladies Dormitory, Phase II	Protect the perimeter of the property from flood water coming from the river.	277,947.00	
Fabrication of CHAN Hall Door and Window Grilles	Secure the building, its amenities and equipment.	85,000.00	
Construction of ICHAMS Fire Exit	Conform to building standards as prescribed by the National Building Code.	170,000.00	
Proposed Basketball Court - Institute of Fishery	Provide the Institute with a recreation and fitness facility.	570,051.24	
Construction of ELS Covered Walk	Provide the ELS pupils a safe waiting area for service vehicles	44,355.36	
Construction of 2-Storey ICHAMS Building, Phase IX	Provide roof cover to the unfinished portion of the building and avert deterioration of exposed construction materials.	293,286.81	
Rehabilitation of U Building - Institute of Fishery	Provide the Institute with a recreation and fitness facility.	2,798,700.00	
Renovation of LHS Food Laboratory	Upgrade the facility to adopt to present demands for the laboratory.	49,425.89	
Rehabilitation of Ladies Dormitory	Upgrade the housing facility and maintain its livability.	1,300,000.00	
Construction of 2-Storey Men's Dormitory, Phase III	Provide decent housing for indigent students	961,315.48	
Improvement of College of Graduate Studies Defense Room & Music Room	Enhance the facilities to fully support its growing programs.	169,167.30	
Rehabilitation of CE IT & Research Room (Rm. 205)	Upgrade the internet facility of the College of Education and keep it linked with research thrusts of other TEIs.	95,000.00	
Construction of Septic Vault at CCS	Equip comfort facilities with a waste depository.	68,852.16	
Rehabilitation of BSA Classroom Converted to Food Laboratory - IA	Upgrade the facility to adopt to present demands for the laboratory.	234,230.30	
Canteen Dining Enclosure	Expand the coverage of the canteen through an additional satellite dining area.	139,244.35	

FACILITY	PURPOSE	ESTIMATED VALUE (P)	DONOR
Rehabilitation of College Library Roof	Protect the library collections and holdings from destruction caused by roof leaks and bats infestation	2,999,978.35	
Construction of 2-Storey Administration Building, Phase X	Improve the flow of administrative services and organize a more efficient command center as well as a seat of authority.	2,938,597.29	
PCC - Repair of the Farmer's Training School	Improve the mass base of the PCC through a satellite training facility.	491,213.00	
Repair of Damage Ceiling at CE Building	Protect the building from destructive rain water during rainy months.	96,304.15	
	TOTAL	14,775,082.30	
<b>OPEN UNIVERSITY SYSTEM</b>			
Repair of DOUS Supply/Stock Room	For safekeeping of supplies and office of Supply Officer	88,000.00	F164-Income
	GRAND TOTAL	52,214,574.92	



**Dormitory, Institute of Fisheries, SLUC**



**Dormitory, Institute of Agriculture, SLUC**



**IVM Building Roof, Phase 2, NLUC**



**College of Law Building, MLUC**



**Entrance Gate, MLUC**



**Central Administration Building, Phase 5, CA**



**Ladies Dormitory, SLUC**



**IF Basketball Court, SLUC**



**U-Building, SLUC**





The University outsourced from various benevolent patrons, benefactors and donors a total of P13,358,071.00 worth of equipment and material, Table 14. Among the donors were the NSDevil Co., Ltd., S.K., Korean International Cooperation Agency, Commission on Higher Education, Department of Agriculture-Regional Field Unit 1, NGOs and Alumni.

**Table 14. Acquired Equipment/Material (Outsourced)**

FACILITY	PURPOSE	ESTIMATE VALUE	DONOR
<b>NORTH LA UNION CAMPUS</b>			
Various Laboratory Precision Instruments	For instruction/research	317,580.00	Ford Motors Inc.
Heavy Equipments	Instruction/ Research/ Extension/ Production	100,000.00	IHEC
Desktop with Monitor	Instruction, Extension	40,000.00	Central Administration
Supplies and Materials	Instruction (accreditation)	23,000.00	Central Administration
Sound System for ELS	For programs & other activities	60,000.00	PTCA & Scouting
DVD Player, Speaker & Microphone	For programs & other activities	10,000.00	Ms. Stephanie Ann Savellano
4 Ceiling fans & 3 benches	For programs and other activities	10,000.00	SBO Fund
1 Binding machine	Instructional Materials/ Accreditation	18,000.00	CE Alumni
1 Photocopying Machine	Instructional Materials/ Accreditation	49,000.00	STA & PTSP
CE Multipurpose Hall Stage	For programs and other activities	20,000.00	CE-SBO
Crisanto Hall Roll Up Gate	For security purposes	12,500.00	CE-SBO

FACILITY	PURPOSE	ESTIMATE VALUE	DONOR
1 Laminar Flowhood	For Instruction/ Research/ Extension/ Production	75,690.00	DA-RO1
1 unit Refrigerator	For Instruction/ Research/ Extension/ Production	16,095.00	CHED
2 Units Airconditioner	For Instruction/ Research/ Extension/ Production	22,400.00	CHED
1 Unit Portable Public Address System with Complete Accessories	For Instruction/ Research/ Extension/ Production	37,000.00	CHED
Portable Top Balance	For Instruction/ Research/ Extension/ Production	13,706.00	CHED
	TOTAL	824,971.00	
<b>MID LA UNION CAMPUS</b>			
ICT Equipment (UBT)	Instruction, Training, R&D, UBT Computing	7,186,500.00	NSDevil Co., Ltd., S.K.
6 units Desktop Computer	For LES Use	150,000.00	Congressman Victor Ortega
Sound System	For LES use	13, 000.00	PTA
2 Units Toshiba NDS10A	Instruction	43,800.00	PTCA
1 Unit Canon iP2770 Printer	Instruction	3, 900.00	PTCA
LCD Projector	Instruction	25,000.00	PTCA
ASUS Laptop	Instruction	30,000.00	PTCA
1 Printer	Instruction	5, 000.00	PTCA
1 digital camera	Instruction	25,000.00	BEED Alumni
5 Voice modulator	Instruction	25,000.00	BEED Student Organizations
2 Samsung LED TV	Instruction	55,000.00	LHS Alumni Batch '88
Text books	Students' References/Library Use	50,000.00	Parents and Teachers Association
CHEMICAL BALANCE	FOOD PROCESSING	430,000.00	KOICA
Ph METER	FOOD PROCESSING		
SPECTROPHOTOMETER	FOOD PROCESSING		
CHEMISTRY/LABORATORY TABLE	FOOD PROCESSING		
MOISTURE ANALYZER	FOOD PROCESSING		
WATER ACTIVITY METER	FOOD PROCESSING		
FERMENTATION KIT	FOOD PROCESSING		
GLASS CARBOY, AIR LOCK AND RUBBER	FOOD PROCESSING		
SODIUM METASULPHITE	FOOD PROCESSING		



FACILITY	PURPOSE	ESTIMATE VALUE	DONOR
BOTTLE SULPHITER	FOOD PROCESSING	430,000.00	KOICA
BLAST WASHER	FOOD PROCESSING		
AUTO SIPHON	FOOD PROCESSING		
ALCOHOL HYDROMETER AND JAR	FOOD PROCESSING		
MEAT GRINDER	FOOD PROCESSING		
MEAT MIXER	FOOD PROCESSING		
LONGANISA STUFFER	FOOD PROCESSING		
MEAT SLICER	FOOD PROCESSING		
REFRIGERATOR	FOOD PROCESSING		
AIR CONDITIONER	FOOD PROCESSING		
LIFTER	AUTOMOTIVE SERVICING	4,000,000.00	CHED
COMPUTERIZED TROUBLE SHOOTER	AUTOMOTIVE SERVICING		
COMPUTERIZED TIRE CHANGER	AUTOMOTIVE SERVICING		
CNC METAL LINE	MECHANICAL LAB.		
	TOTAL	12,395,300.00	
<b>SOUTH LA UNION CAMPUS</b>			
Ceiling Fan	Install Ceiling Fans in the Class-rooms	15,000	CCS PTCA
Electric Suction Pump	For siphoning the CR's deposits	15,000	CCS PTCA
Wall Fan	For Classroom use	12,800	CCS PTCA
Assorted Band Equipments	For entertainment during pro-grams	25,000	CCS PTCA
DLP Projector	For research, extension & instructional use	19,000.00	KOICA
Gravity Drip Irrigation Kit	For research, extension & instructional use	6,000.00	KOICA
Water pump	For research, extension & instructional use	12,000.00	KOICA
2000L water tank	For greenhouse	33,000.00	KOICA
	TOTAL	137,000.00	
	GRAND TOTAL	13,358,071.00	



To address climate change, the University initiated and conducted a good number of mitigation activities, Table 15. Massive clean-up (roadside, coastal, river), tree planting, environmental education, rainwater harvesting, solid waste management trainings, among others, were conducted.

**Table 15. Climate Change Mitigation Activities**

ACTIVITIES	NUMBER/KIND OF PARTICIPANTS	PLACE	DATE
<b>NORTH LA UNION CAMPUS</b>			
Coastal Clean-Up	200 students, municipal officials, PNP, barangay officials, barangay residents	Paratong, Bacnotan, La Union	Sept 25, 2013
	60 students and barangay officials	Farola, tagudin, Ilocos Sur	Nov. 30, 2013
<i>Bantay Tambutso</i>	79 tricycle, private, gov't vehicles, PUVs	Cabaraosan Junction, Bacnotan, La Union	December 2, 2013
IEC/Grinning Bulilit	Grade V and VI pupils	Cabaraosan Elementary School	January – March 2013
	Grade V and VI pupils	DMMMSU-ELS	Sept.-Dec. 2013
Seminar / Forum Climate Change Adaptation in Coastal Communities	119 students, barangay officials and residents	Poblacion, Bacnotan, La Union	September 25, 2013
Roadside Clean Up	60 students, faculty	DMMMSU-NLUC	Every 4th wed of the month
Mangrove Tree Planting	64 students, faculty, barangay officials	Paratong, Bacnotan, La Union	November 29, 2013
Rendered Community Service Through Environmentally related activities by all allied and accredited organizations	640 NSTP-CWTS students	DMMMSU-Campus, Brgy. Sapilang	September 28, 2013

ACTIVITIES	NUMBER/KIND OF PARTICIPANTS	PLACE	DATE
Reproduction of Rainforest-ation Species	Faculty, Staff, Students	DMMMSU-NLUC Agroforestry Nursery	June-December 2013
Planting of Native Tree Species	Faculty, Staff, Students	DMMMSU-NLUC Forest Reserve	August 2013
Integration of Climate Change in Selected Forestry & Agroforestry Subjects	Faculty (IAWM)	DMMMSU-NLUC	May-June 2013
Maintenance of Forest Reserve & Agroforestry Projects	Faculty, Staff, Students	DMMMSU-NLUC	January – December 2013
<b>MID LA UNION CAMPUS</b>			
Coastal Clean-up	100 students	Luna and Bangar, La Union	February 2014
Coastal Clean-up Drive	CGS Students (all programs) and Faculty 421 participants Partnership with SFC City Government and DENR Region I	Poro, san Vicente, Catbangan, Ilocanos-norte and Sur	August 24, 2013
<b>SOUTH LA UNION CAMPUS</b>			
Clean Up Drive	Students, faculty and staff of CCS	DMMMSU-SLUC, CCS	July 2013
Disaster Preparedness During and After an Earthquake Drill	Students	DMMMSU-SLUC, CCS	July 2013
Demonstration of how to use the fire extinguisher	Students, faculty and staff of CCS	DMMMSU-SLUC, CCS	July 2013
Disaster Management Activities	Students and Faculty members of ICHAMS	DMMMSU-SLUC	
Tree Planting	National Tobacco Administration	DMMMSU-IA Nagtagaan	July 30, 2013
<b>OPEN UNIVERSITY SYSTEM</b>			
Spirulina production which aids in absorbing carbon dioxide (spirulina absorbs more carbon dioxide by 20% than plants)	DOUS R&E staff	DOUS office	2013-ongoing
<b>SERICULTURE RESEARCH AND DEVELOPMENT INSTITUTE</b>			
Conduct of trainings and establishment and maintenance of sericulture projects Mulberry plantation establishment and maintenance in various project sites/ areas	62/Staff-trainees, farmer-cooperators	SRDI, different project sites/areas in La Union, Pangasinan, Ilocos Sur and Abra	May-August 2013



ACTIVITIES	NUMBER/KIND OF PARTICIPANTS	PLACE	DATE
NATIONAL APICULTURE RESEARCH TRAINING AND DEVELOPMENT INSTITUTE			
Tree planting	Faculty -4 Staff -14 Contract service/laborers - 22	NARTDI Bee Pasture Area	July 2013



Four study tours/visits for 37 Bangladeshi nationals were organized, coordinated and conducted by the University, Table 16. These were financially supported by The Bridge, Dhaka, Bangladesh.

**Table 16. International Trainings Conducted**

TITLE OF TRAINING	INCLUSIVE DATE	NUMBER OF PARTICIPANTS
International Study Tour on Aquaculture, Fish Nutrition and Fish Diseases	Jan. 20-25, 2014 / DMMMSU-FRTI, CLSU, Munoz, NE, BFAR-Dagupan, Tanay and Binangonan Rizal, Quezon City	7
International Study Tour on Enhancement of Technical Education and Skills Development	Feb. 18-21, 2014/ TESDA, Manila, Don Bosco Tech. Institute and Technology Resource Center, Quezon City	8
International Study Tour on the Improvement of Urban Governance and Infrastructure Development	February 23-28, 2014/ DMMMSU-NLUC, San Fernando City, La Union, Manila City Hall and DILG, Quezon City	8
International Study Tour on Irrigation Management	April 23-29, 2014 & May 4-10, 2014/ DMMMSU-NLUC, Amburayan River Irrigation System, Sudipen, La Union, national Irrigation Administration, Bureau of Soils and Water Resources Management, Department of Agriculture and National Water Resources Board, Quezon City	14

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Member

**HON. MARDAVE S. MARTINEZ**

Representative, Private Sector  
Member

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1st Lt. FRANKLIN A. QUINZON	<i>Commandant, ROTC-SLUC</i>
MS. LERMA CARILLO	<i>Resident State Auditor</i>



# DMMMSU HYMN

Hail beloved Alma Mater  
Don Mariano Marcos Memorial State University  
Your honored name will shine forever  
Keep your glorious fame resounding far and near.  
From thy portals we learn  
In skills unknown before  
And heads and hands keep on craving for more

Oh hail beloved institution  
Never shall we stand forlorn  
From you a new era is born  
To keep life smoothly moving on.

You are our inspiration  
In our quest for knowledge and wisdom  
You fulfill a noble mission  
In instruction, research and extension  
You give the best solution  
In transforming our land into a great nation  
And though the years may come and go  
Our love for you will grow  
Beloved University  
We are proud of you. (2x)





## *Vision*

A premier and globally competitive university.

## *Mission*

Provides relevant quality instruction, research, and extension.

## *Goal*

To lead in transforming human resources into productive, self-reliant citizens and responsible leaders.

## *Philosophy*

Total human development with appropriate competencies.

# DMMMSU *is*

where productive citizens, committed public servants, and great leaders are developed. We can be more productive and effective if we observe and promote the following

### **Core Values.**

## **SERVICE**

Let's render quality **Service** to our clientele, other stakeholders, and the community.

## **PRODUCTIVITY**

Let's sustain our **Productivity** with our passion for work and by forging partnerships.

## **EXCELLENCE**

Let's always pursue **Excellence** in our programs, activities, and outputs.

## **COMMITMENT**

Let's deliver more than what is expected of us with our **Commitment**.

## **INNOVATIVENESS**

Let's continuously search for better ways of doing things with our **Innovativeness**.

## **ADVOCACY**

Let's empower people with our **Advocacy** of good values, principles, and practices.

## **LEADERSHIP**

Let's enhance DMMMSU's **Leadership**, for her to stay on top, with the quality of our graduates, programs, and projects.