



VISAYAS
STATE UNIVERSITY

Visca, Baybay City, Leyte Philippines

"Exhibit A"

OFFICE PERFORMANCE COMMITMENT & REVIEW FORM (OPCR)

I, **ROBELYN T. PIAMONTE**, Head of the **National Abaca Research Center** commits to deliver and agree to be rated on the attainment of the following accomplishments in accordance with the indicated measures for the period **January 2022 to June 2022**.



ROBELYN T. PIAMONTE

Director, NARC

Date: 11 July 2022

Approved:

MARIA JULIET C. CENIZA

Vice-President for R, E & I

Date: _____

UMFO No.	MFO Description	Success Indicators	Target (1-Year)	Actual Accomplishment	Unit/Persons Responsible	Rating				Remark
						Q ¹	E ²	T ³	A ⁴	
UMFO 1: Advanced Education Services										
MFO 1. Graduate Degree Program Management Services										
		PI 1: Number of graduate degree specialization								
		PI 2: Total FTE monitored	1	4.11	Core Staff	5	5	5	5.0	FMYDuatin (1.67) RTP (2.22) and FGSinon (0.22), IFW 2 nd Sem. 2022-2022
		PI 3: Percentage increase in number of graduates								
		PI 4: Percentage increase in								



		number of students who graduated with prescribed period								
		<u>Additional Outputs</u>								
		<u>PI 5:</u>								
MFO 2. Graduate Student Management Service										
		<u>PI 1:</u> Number of graduate students awarded scholarship/assistantship								
		<u>PI 2:</u> Percentage of graduate students awarded with scholarship/ assistantship who graduated within prescribed period								
		<u>PI 3:</u> Number of graduate students awarded with honors/distinction								
		<u>PI 4:</u> Number of graduate students advised	4	19	Core Staff	8	5	5	50	19 (14 as advisers and 5 as GAC Member – IFW, 2 nd Sem. 2022-2022)
		<u>Outcome Indicators</u>								
		<u>PI 5:</u> Percentage of graduate school faculty engaged in research work applied in any of the following:								
		<u>PI 5a:</u> Pursuing advanced research degree programs (PhD)	1	1	FMYDuatin	5	4	4	4.33	



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		Output Indicators								
		PI 6: Percentage of graduate students enrolled in research degree programs								
		PI 7: Percentage of accredited graduate programs								
		Additional Outputs								
		PI 8:								
UFMO 2: Higher Education Services										
MFO 1. Curriculum Program Management System										
		PI 1: Total FTE monitored	20	32.70	Core Staff	5	5	5	5.0	Based from IFW (2 nd Sem. 2022-2022)
		PI 2: Number of undergraduate curricular program compliant to CMO, approved and offered								
		PI 3: Average percentage passing in licensure exam in mandated programs								
		PI 4: Number of graduates in mandated programs graduated within prescribed period								
		PI 5: Percentage increase in the number of undergraduate students who graduated within prescribed period								
		PI 6: Percentage increase in number of undergraduate								



		students enrolled								
		PI 7: Number of academe/industry linkage established								
		PI 8: Number of students advised								
		<i>On thesis/ field practice/special problem</i>	4	28	Core Staff	5	5	5	5.0	20 as advisers, 4 as SRC Chair and 5 as SRC Member, IFW 2 nd Sem. 2022-2022
		<i>No. of approved manuscript submitted within prescribed period</i>	2	7	Core Staff	5	5	5	5.0	
		<i>On consultation (number of hours)</i>	75	350	Core Staff	5	5	5	5.0	50 hrs per Core Staff; 7 Core Staff
		PI 9: Number of student organizations advised/ assisted		1	Core Staff	5	5	5	5.0	1 – The Builders Organization (Pleños)
		PI 10: Number of instructional materials developed								
		<i>On-line ready courseware</i>	4	9	Core Staff	5	5	5	5.0	Moreno (1), Pleños (2), Sinon (1), Salomon (1), Duatin (2) and Piamonte (2)
		<i>Supplemental learning resources</i>	4	13	Core Staff	5	5	5	5.0	Moreno (2), Sinon (2), Pleños (2), Salomon (2), Duatin (2) & Piamonte (3)
		<i>Assessment tools</i>	10	18	Core Staff	5	5	5	5.0	Pleños (3), Moreno (2), Sinon (3), Salomon (3),



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										Duatin (4) & Piamonte (3)
		Number of online courseware reviewed by TRP & edited by MMDC editor		1	Core Staff	5	5	5	5.0	Salomon (1)
		Number of virtual classrooms created and operational	6	9	Core Staff	5	5	5	5.0	Pleños (2), Moreno (1), Sinon (1), Salomon (1), Duatin (2) and Piamonte (2)
		<u>Outcome Indicators</u>								
		PI 11: Percentage of first-time licensure exam takers that pass the licensure exams								
		PI 12: Percentage of graduates (2 years prior) that are employed								
		<u>Output Indicators</u>								
		PI 13: Percentage of undergraduate students enrolled in CHED-identified and RDC-identified priority programs								
		PI 14: Percentage of undergraduate programs with accreditation								
		<u>Additional Outputs</u>								
		PI 15:								
UFMO 3: Research Innovation Services										
		PI 1: Number of published	1		Core Staff					



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		papers in internationally indexed journals								
		<i>In refereed int'l journals</i>		4		5	5	5	5.0	3 for October 1 June 2022 (ATR)
		<i>In refereed nat'l journals</i>		1		5	5	5	5.0	1 March Issue
		<i>In institutional journals</i>								
		PI 2: Number of research outputs presented in regional/national/ int'l for a/conferences	2		Core Staff					
		<i>In int'l for a/conferences</i>								
		<i>In nat'l for a/conferences</i>								
		<i>In reg'l for a/conferences</i>								
		<i>In institutional for a/conferences</i>		10	Core Staff	5	5	5	5.0	VSU Funded studies presented during NARC In-House Review
		PI 3: Number of research projects conducted and/or <i>completed on schedule</i>	2	11	Core staff	5	5	5	5.0	10 (VSU Funded-Ongoing) and 1 external project - Completed
		PI 4: Number of research proposals submitted/endorsed for external funding	4		Core Staff					
		<i>Proposals submitted for external funding</i>		3		5	5	5	5.0	DA-Biotech and DOST
		<i>Proposals submitted for VSU funding</i>		1		5	5	5	5.0	VSU
		PI 5: Percent of research								



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		proposals approved							
		<i>Proposals approved by external funding agency</i>							
		<i>Proposals approved by VSU for funding</i>							
		PI 6: Amount of research money generated from external funding (Thousand PHP)							
		PI 7: Amount of research money generated from institutional funding (Thousand PHP)	2M	2,146,823		5	5	5	5.0
		PI 8: No. of research-related awards (research conducted by faculty or student w/ faculty)							
		Outcome Indicator							
		PI 9: Number of research outputs in the last three years utilized by the industry or other beneficiaries	2	4	Core Staff	5	5	5	5.0
		Output Indicators							
		PI 10: Number of research outputs completed within the year	1	11	Core Staff	5	5	5	5.0
		PI 11: Percentage of research outputs published in internationally-refereed or	1 (no.)	4	Core Staff	5	5	5	5.0



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		CHED recognized journal within the year								
		Additional Outputs:								
		PI 12: Number of research collaboration/ partnership with LGUs	2	1	Core Staff	4	5	5	4.67	1 from DA-LGU, Baybay
		PI 13: Number of work and financial plan (WFP) submitted and approved	1	1	NARC	4	5	5	4.67	
		PI 14: Number of research output publication produced/ related technical publication/ Manual produced and distributed	1	4	Core Staff	5	5	5	5.0	Core Staff publications
		PI 15: Number of website updated and maintained	1	2	Core Staff	5	5	5	5.0	VSU and FB
		PI 16: Number of research proposals reviewed for internal funding	2	1 (funded) 3 (submitted)	Core Staff	4	5	5	4.67	1 funded and 3 submitted (to be reviewed)
		PI 17: Number of research proposals approved for internal funding		1	Core Staff	5	5	5	5.0	FGSinon
		PI 18: Number of technologies patented								
		PI 19: Number of new adopters	1	3	Core Staff	5	5	5	5.0	KFI, Alindeco, and AMG (Ang Mananampalatayang Gumagawa, Inc.)
		PI 20: Number of		4		5	5	5	5.0	Tissue Culture, Abaca



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		Technologies generated								Power Stripper, Plant Power Shredder and ,Handicrafts
		PI 21: Number of VSU Technologies registered for IP Protection								
		PI 22: Number of VSU Technologies applied for IP Protection, monitored and facilitated		1 (for application)		4	5	4	4.33	APS modification (FGS)
		PI 23: Number of VSU Technologies and/or creative works filed for IP Protection (i.e. patents, utility model, copyright, trademark)								
		PI 24: Number of VSU Technologies identified for Protection disclosed								
		PI 25: Number of patent search conducted								
		PI 26: Number of researchers assisted in drafting patent specs and claims								
		PI 27: Number of IP awareness trainings/seminars facilitated and conducted								
		PI 28: Number of VSU faculty/ researchers/ staff attended IP related trainings and seminars								



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		(national/ international trainings/ conference								
		PI 29: Number of publications qualified for VSU publication incentive award								
UFMO 4: Extension Services										
		PI 1: Number of person-days trained weighted by length of training	75	55		5	5	5	5.0	2 trainings conducted; (Scheduled training for July to December to meet the year's target)
		PI 2: Number of trainings conducted	4	2		4	5	5	4.67	KFI and Brg. Bitanhuan, Baybay City, Leyte
		PI 3: Number of IEC materials/technoguides developed/used	4	7		4	5	5	4.67	Abaca Technology, ABTV, Ang Hustong Pang-abakahan, Abaca Varieties & Cultivars of Region 8, Abaca Power Stripper, Major Pests of Abaca and their Management and Plant Power Shredder
		PI 4: Number of beneficiaries served								
		Groups	1	9		5	5	5	5.0	KFI, Alindeco, AMG (Ang Mananampalatayang Gumagawa Inc) and 6 different groups (walk in clienteles)



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	Individuals	1000	1,938		5	5	5	5.0	Trainees Walk-in visitors; NARC FB-page followers; OJTs
	PI 5: Number of technical/expert services								
	<i>Research Mentoring</i>	1	13		5	5	5	5.0	SRAs, OJTs
	<i>Peer reviewers/Panelists</i>	1	1		4	5	5	4.67	Journal of Agriculture and Technology Management of CTU (by RTP)
	<i>Resource Persons</i>	1	2		5	5	5	5.0	FLO and RTP
	<i>Convenor/Organizer</i>	2	2		4	5	5	4.67	Center-Level IH Review
	<i>Consultancy/ Online Consultation</i>	25	28		5	5	5	5.0	Online Consultation (email and FB private message)
	<i>Evaluator</i>	2	1		4	5	5	4.67	LOMoreno
	PI 6: Number of extension projects conducted and/or completed on schedule	2	4		4	5	5	4.67	1 Prog. w/ 4 Proj. Components
	PI 7: Number of extension proposals submitted	1	1		4	5	5	4.67	JMNS, MCFP
	PI 8: Percent of extension proposals approved								
	PI 9: Amount of extension money generated from external funding (Thousand PHP)								



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	PI 10: Amount of extension money generated from institutional funding (Thousand PHP)	300k	300,000.00		5	5	5	5.0	Abaca Integrated Program (Budget) w/ 4 Projects
	PI 11: No. of extension-related awards (extrn. Conducted by faculty or student & faculty)								
	Outcome Indicator								
	PI 12: Number of active partnerships with LGUs, industries, NGOs, NGAs, SMEs, and other stakeholders as a result of extension activities	2	28		5	5	5	5.0	Maintained Linkages between 6 LGUs, 4 local industries, 13 Regional Gov't Offices, 1 National Gov't Agency, 3 NGO's
	Output Indicators								
	PI 13: Number of trainees weighted by the length of training	75	55		5	5	5	5.0	2 trainings
	PI 14: Number of extension programs organized and supported consistent with the SUC's mandated and priority programs	2	6		5	5	5	5.0	3 brgys in Baybay City; 3 brgys in Ormoc City
	PI 15: Percentage of beneficiaries who rate the training course/s as satisfactory or higher in terms of quality and relevance	75%	100%		5	5	5	5.0	
	Additional Outputs:								



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		PI 17: Number of Lakbay aral/continuing education programs and tours facilitated								
		PI 18: Number of website updated and maintained	1	2		5	5	5	5.0	FB and VSU Web Site
		PI 19: Number of extension delivery services conducted/ coordinated/ participated: field demo, agri fair, field days, agri-exhibit, Techno-forum, Techno-festival	2	28		5	5	5	5.0	3 in Baybay 25 field visits in Ormoc City
		PI 21: Number of clients assisted in agri-fair, walk in clients, training requests, in-house reviews, trainings and related activities	75	138		5	5	5	5.0	55 on trainings 71 walk-in visitors; 12 OJTs
		PI 23: Number of product/ technology demonstration conducted	1	4		5	5	5	5.0	APS, TC, PPS and handicrafts
		PI 24: Number of clientele served/ registered during Farmers' and Fisherfolks' Day								
		PI 25: Number of RDE news and feature articles published	4	4		4	5	5	4.67	
UFMO 5: Support to Operations(STO)										
MFO 1. Faculty Development Services										
		PI 1: Number of faculty pursuing advanced research degree programs (PhD)	1	1		5	4	4	4.33	FMYDuatin



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		facilitated, monitored and assisted							
MFO 2. Faculty Recruitment/Hiring Services									
		PI 2: Number of faculty recruited/hired aligned with ISO standards							
MFO 3. Faculty Evaluation Services									
		PI 3: Number of seminars/trainings/conventions/workshops coordinated for entire university							
		PI 4: Number of seminars/trainings/conventions/workshops coordinated outside of the university	1	1		4	5	5	4.67
		PI 5: Percentage of faculty rated by students with at least very satisfactory rating in 50% of the subjects evaluated	75%	100%		5	5	5	5-0
		PI 6: Number of in-house seminars/trainings/workshops/reviews conducted/attended	10	9		5	5	5	5-0
		PI 7: Number of faculty/staff awards/honors received							



		related to operations support								
MFO 4. Program and Institutional Accreditation Services										
		PI 1: Number of degree programs which passed accreditation/evaluation at least Level 1								
		PI 2: QMS on faculty recruitment, development & performance evaluation aligned with ISO standards								
		PI 3: Degree program compliant with CHED								
		PI 4 : Number of activities organized/attended/assisted/participated/facilitated								
		Additional Outputs:								
		PI 5:								
UFMO 6: General Administration and Support Services										
		PI 1: Zero percent complaint from clients served								
		Additional Outputs								
		PI 2. Efficient & customer friendly frontline service								
		No. of clients served	75	138		✓	✓	✓	5.0	55-trainees; 71 walk-in visitors; 12 OJTs
		No. of customer feedback received	1	2		✓	✓	✓	5.0	From walk-in visitors coming to NARC
		90% of documents prepared/processed/ released within	90%	100% (No error)		✓	✓	✓	5.0	



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	the day approved by the director (error-free documents)								
	PI 3: Admin. & financial documents preparation/ facilitation								
	No. of prepared/ processed/approved documents	900	1000		5	5	5	5.0	
	No. of mtgs., planning-workshop conducted	6	6		5	5	5	5.0	NARC Monthly and Special Meetings
	PI 4: Official meetings/ planning-workshop organized/ coordinated/ facilitated								
	100% of mtg./planning-workshops successfully undertaken	100%	100%		5	5	5	5.0	
	No. of reports prepared & submitted on-time (annual/quarterly/other documentation reports)	20	39		5	5	5	5.0	20 (1st and 2nd Qrtly Reports 2022 (10 VSU Projects); 10 (Semi-Annual Reports from 10 VSU Funded Studies); 1 (NARC RDE Semi-Annual Report); 2nd Sem, 2022-2022 IFW (6 Staff); 1 IPCR Accom (Jan-June 2022); 1 OPCR Accom (Jan-June 2022) and Institutionalization matter reports
	PI 5: Number of CARs, NCs, and OFIs received		1		4	5	5	4.67	1 - CAR on late submission of OPCR (July to Dec 2021)



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		Best Practice: Conducting a Center-Level In-house Review							
Total Over-all Rating								328.7	
Average Rating								4.90	
Adjectival Rating								outstanding	


Received by:


TONI MARC L. DARGANTES
 Planning Office
 Date: 7/14/2022

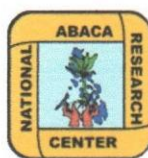
Calibrated by:


DANIEL LESLIS S. TAN
 Chairman, PMT
 Date: JUL 22 2022

Approved by:


EDGARDO E. TULIN
 President
 Date: 7/26/22

- 1 – quality
- 2 – Efficiency
- 3 – Timeliness
- 4 – Average



NARC OPCR Attachment

January to June 2022

Center/College/Department: **NATIONAL ABACA RESEARCH CENTER**

A. Research papers/posters disseminated/presented

TITLE OF PAPER/POSTER	DATE, VENUE	RESEARCHERS/PRESENTERS
a. Institutional		
Collection, Morphological Characterization and Maintenance of Abaca	NARC Research In-House Review 2022/ NRIB/June 28, 2022	LOMoreno/FLOcon
Characterization and Chemical Composition of Abaca Fibers in the Germplasm Collection	-do-	LOMoreno/JGJacobe
<i>In Vitro</i> Conservation and Maintenance of Abaca Germplasm	-do-	LOMoreno/MBMati-om
Development of high-yielding abaca varieties resistant to bunchy-top disease	-do-	LOMoreno/AFValida
Screening of abaca cultivars/lines and hybrids for resistance to bunchy top virus disease	-do-	RTPiamonte
Field evaluation of abaca varieties and hybrids	-do-	LOMoreno/MAValenzona
Promoting Microorganisms (PGMA) as Biofertilizer for Abaca (Phase 3)	-do-	RBArmecin/RTPiamonte/MJMDayondon
Biological Control of the Abaca Corm Weevil with Entomopathogenic Nematodes (EPN) – Phase 3	-do-	RTPiamonte/MAMeriales/BFlor
Design, fabrication, and evaluation of a light and low-cost trailer mounted abaca spindle stripping machine	-do-	FGSinon
Low-cost options for the <i>in vitro</i> propagation of abaca	-do-	FMYDuatinJEOrias
Integrated Abaca Extension Program	-do-	JMNSalomon/JEOrias
b. Regional		
None		
c. National		
None		
d. International		
The State of Scientific Research in the Abaca Industry (Powerpoint Presentation)	April 6, 2022/Acacia Hotel, Davao City/ Fiber for the Future: Project Launching and Kick-Off Workshop (Face to Face)	RTPiamonte

B. Attendance of researchers to scientific fora/ training/workshop/seminars

TITLE	DATE/VENUE	RESEARCHERS ATTENDED
a. Institutional		
Training/Seminar-Workshop on Introduction to Metrology and Verification of Common Laboratory Instruments	June 21-22, 2020/DOP, Old Library Building, VSU	JGJacobe
b. Regional		
None		
c. National		
Rice Herbicide Resistance Management Webinar – Session 1	Feb 22, 2022 Via Zoom	FMYDuatin/Participant
Plantation Herbicide Resistance Management Webinar –Session 3	June 9, 2022 Via Zoom	FMYDuatin/Participant
Abaca Virus Detection Training	May 16-20, 2022/PhilFIDA, Quezon City (Face to face)	RTPiamonte MAMerioles
Training on Macropropagation and Micropropagation of Abaca for Partner's SUCs and PhilFIDA	May 23-27, 2022/PhilFIDA, AES, Abuyog, Leyte (Face to Face)	LOMoreno JGJacobe
PhilGEPS Online training on laws and guidelines on government procurement	May 30- 31, 2022/ Manila, Via Zoom	FGSinon/Participant
DA-PHILFIDA Research Division's 2022 In-House R & D Review	June 20-24, 2022/Cebu City (Face to Face)	LOMoreno/Acts as Evaluator
d. International		
Fiber for the Future: Project Launching and Kick-Off Workshop	April 6, 2022/Acacia Hotel, Davao City (Face to Face)	RTPiamonte

C. Technologies/Information patented and commercialized

- Technology patented (**Please give a brief description of the technology, generator and the status of patenting**)
- Technology commercialized (**Please give a brief description of the product, impact and the researcher/generator**)
 - Abaca Tissue Culture – hardened tissue culture seedlings for planting (Flora Mia Y. Duatin)
 - Sold 372 Lakatan tissue-cultured plantlets worth PhP 12,648.00.
 - Abaca Power Stripper – stripper for abaca harvesting (Feliciano G. Sinon)
 - P80,000.00 from 1 unit Power Stripper bought by ALINDECO.
 - Handicraft Products – weaved handicraft products from abaca “Umbac” (Bertulfo Gumba) and posted at NARC FB page for online selling.

D. Research papers published

	TITLE	AUTHOR (S)	DATE/YEAR/PUBLICATION/ PUBLISHER	REMARKS
a. Refereed Journal				
Institutional				
National	Parental Mediation of Children's Video Game Playing: Active	Jayvee P Hingpit and Jedess Miladel N.	Science and Humanities Journal 15:57-69 (2021), vol. 15 2021	Reported this year

	Mediation and Co-Playing Produce Positive Outcomes	Salomon		
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International				
	Women's Participation in Abaca Farming: A Case in Baybay, Leyte, Philippines	Mary Cris F. Pleños	Scientific Paper Series Management, Economic Engineering in Agriculture and Rural Development Journal: Vol. 22 (3) 2022	Published paper available On Line by the End of October 2022 at the website: http://managementjournal.usamv.ro/index.php/Sckientificpapers/current
	Assessment of Abaca Fiber Production in Eastern Visayas Provinces, Philippines			
	Impact of the COVID-19 Pandemic on Abaca Farm Households: A Cross-Sectional Survey			
	Virus Elimination and Plant Regeneration of ABTV-Infected abaca (Musa textilis Nee) cv. Putian Using Meristem Tip Culture	Marissa B. Barbosa and Luz O. Moreno	Plant Tissue Culture Elsevier	Accepted under review
b. Semi-popular publ'n (newsletter, etc.)				
c. Popularized pub'n (technoguides, etc.)				
d. Book Chapter/s				
e. Books				

E. R and D awards and recognitions received

NAME OF AWARDS	TITLE OF PAPER/ POSTER GAINED AWARD	RECIPIENT/S	PLACE AWARDED	DATE AWARDED	AWARD OBTAINED (Plaque; if cash, indicate amount)	SPONSORING AGENCY
a. Institutional						
None						
b. Regional						
None						
c. National						
None						

d. International						
None						

F. R and D inter-agency linkages forged/maintained

NAME OF AGENCY	NATURE OF LINKAGE	Brief Description of Linkage	Remarks (specify amt generated, etc.)
a. Local (with LGUs, NGOs, POs)			
Specialty Pulp manufacturing, Inc. (SPMI)	Training	Requested training, partners in training, assist in the analysis of fiber samples, fiber production/marketing of abaca fiber	Maintained linkages
Chingbee & FTI	Training	Technical assistance on abaca production and trading	Maintained linkages
Government Agencies (DA, DA-Baybay, DA-BAR, PhilFIDA, DOST, PCAARRD)	Training, Community participation	Project implementation, Funding, source of R & D Network	Maintained linkages
LGUs (Baybay, Maasin, So. Leyte, Sogod, So. Leyte, Ormoc (CASO))	Training/Community participation/ Consultancy	Technical Assistance on establishment of a Tissue culture lab (Baybay)	Maintained linkages
b. Regional			
Abaca Coalition	With 14 agencies involved National and Regional level (Abaca Coalition)	Collaboration with 14 member agencies and organizations to develop an integrated action plan for advancing abaca in Region 8.; Training, consultancy and community participation	Maintained linkages
c. National			
d. International			
Kennemer Foods International Inc.	Technical Assistance and provide technology at cost	Technical assistance through trainings and consultations	Php. 80,000.00 (1 unit stripping machine sold)

G. List of Ongoing/ Completed R&D Projects

Program/Project/ Study Title	Proponent/s	Collaborator/ cooperator	Lead Agency	Collaborating Agency
I. ONGOING VSU-Funded Projects/Studies				
A. Core Program Proj. Title: National Abaca Germplasm Collection, Maintenance & Use	LOMoreno		VSU	
Study 1: Collection, morphological characterization and maintenance of abaca germplasm (RSNA 87.018 S1) – Phase 8	LOMoreno/FL Ocon (SRA)		VSU	
Study 2: Characterization & chemical composition of abaca	LOMoreno, /JGJacobe			

fibers in the germplasm collection (RSNA 87.018 S2) - Phase 8	(SRA)		VSU	
Study 3: In vitro conservation and maintenance of abaca germplasm (RSNA 87.018 S3)- Phase 78	LOMoreno/ MBMatiom (SRA)		VSU	
B. Varietal Improvement Proj. Title: Increasing abaca plant variability through conventional breeding method and evaluation of promising abaca hybrids & accessions	LOMoreno		VSU	
Study 1: Development of high-yielding abaca varieties resistant to bunchy-top disease (RJNA 02.112) – Phase 7	LOMoreno/ AFValida (SRA)		VSU	
Study 2: Screening of abaca cultivars/lines and hybrids for resistance to bunchy-top disease (RJNA 91.015 S2) – Phase 6	RTPiamonte		VSU	
Study 3: Field evaluation of abaca varieties and hybrids (RJNA 91.015 S1) – Phase 7	LOMoreno/ MAValenzona (SRAide)		VSU	
C. Production Biohardening with Plant Growth Promoting Microorganisms (PGPM) as Biofertilizer for Abaca – Phase 3	RBArmecin RTPiamonte MJDyondon		VSU	
Biological Control of the Abaca Corm Weevil with Entomopathogenic Nematodes (EPN) – Phase 3	MAMeriales DBMFlor		VSU	
Project: Low cost options for the <i>in vitro</i> propagation of abaca	FMYDuatin JEOrias		VSU	
D. Postharvest Processing & Utilization Proj. Title: Improvement of Abaca Fiber Extraction and Processing Machines (Phase 3) <i>Study 2: Design, Fabrication, and Evaluation of a Light and Low-cost Trailer-Mounted Abaca Spindle Stripping Machine.</i>	FGSinon		VSU	
II. COMPLETED-Externally-Funded Projects/Studies				
Establishment of Ten Hectares Abaca Plantation at VSU and Evaluation of Fiber Quality for the Pulp Industry	RMGapasin FGSinon JAMati-om EPCadalin		PCAARRD	VSU

III. EXTENSION				
Program Title: INTEGRATED ABACA EXTENSION PROGRAM (TP.AB.007) – Phase 4	JMNSalomon		VSU	
Project Titles: Proj.1: Mgt. of abaca diseases in Leyte thru interagency/multisectoral	JMNSalomon RTPPiamonte LOMoreno RBArmecin			

cooperation Comp.1: Pest diagnosis, monitoring, and management Comp.2: Technical assistance on policies related to disease mgt. and eradication Proj.2: Capability enhancement on abaca technologies Comp. 1: Technical assistance in nursery and plantation establishment and eradication Proj.2: Capability enhancement on abaca technologies Comp. 1: Technical assistance in nursery and plantation establishment and mgt. Comp. 2: Technical assistance in processing and utilization Comp. 3: Pest Prevention Proj.3: Information, Education, Communication and Promotion Comp. 1: Communication support services Comp. 2: Promotion and marketing assistance of abaca technologies Proj.4: Propagation and distribution of planting materials Comp. 1: Seedpieces production and in-vitro propagation Comp. 2: Distribution of planting materials	FMYDuatin MCFPleños FGSinon			
	FMYD			
IV. Income Generating Projects (IGPs)				
STF Abaca Power Stripper	FGSinon		VSU	
STF Abaca Rooted	FMYDuatin		VSU	

Title of Trainings/ Services Rendered	Type of Clientele or Participants	Date and Place of Training	Number of Participants	Number of Trainees weighted by length of training
Abaca Stripping Machine Demonstration	KFI Employees	February 14, 2022/ National Abaca Research Center,	6	8hrs
Training on Abaca GAP and IPM	Abaca farmers from Plaridel and Bitanluan	May 27, 2022/ Brgy. Bitanluan Baybay City, Leyte	30	8hrs

I. Proposals Developed

Table 1. List of Proposals developed, submitted for revision and for funding

Project/Study Title	Researchers	Proposed Budget	Funding Agency	Remarks
Project: Identification of differentially expressed genes related to bunchy top virus resistance in abaca (<i>Musa textilis</i> Nee) (RTPiamonte/MCNino) Two project components: PC1. Morphological validation of resistance to bunchy top virus in the abaca parental line accessions PC2. De novo transcriptome analysis and identification of differentially expressed genes associated with resistance to BTV in abaca	RTPiamonte/ MCNino		DA-Biotech	On third revision
Project Title: Automated Plant Propagation System for the In vitro Mass Propagation of Abaca with 4 studies	FMYDuatin/ RTPiamonte		VSU/PCIE ERD	
Project Title: Semi-Automated Plant Propagation Technology for the In vitro Mass Propagation and Hardening of Banana Planting Materials (with three studies):	FMYDuatin		VSU	
Others				
Project Title: Project 4: Optimization of Protocol for Micropropagation of Queen Pineapple thru Somatic Embryogenesis (LOMoreno/FMYDuatin/MBarbosa) Component 1: Efficient use of TIS (temporary immersion system) on the multiplication and rooting of somatic embryo-derived Queen pineapple plantlets (LOMoreno/FMYDuatin/MBarbosa)	LOMoreno/ FMYDuatin		DOST-	
Project Title. Molecular characterization of pineapple mealybug vector populations and detection of pineapple of mealybug wilt virus in PPMB and QP populations in Leyte and Camarines and tissue culture-derived seedlings (MJCCeniza/Female/VSU) Component 2: Molecular characterization of major diseases in existing populations of QP and other pineapple varieties in Leyte and Camarines Norte (RTPiamonte/Female/VSU)				
Development of Hydraulic Pressure-Control System for APS.	FGSInon		VSU	

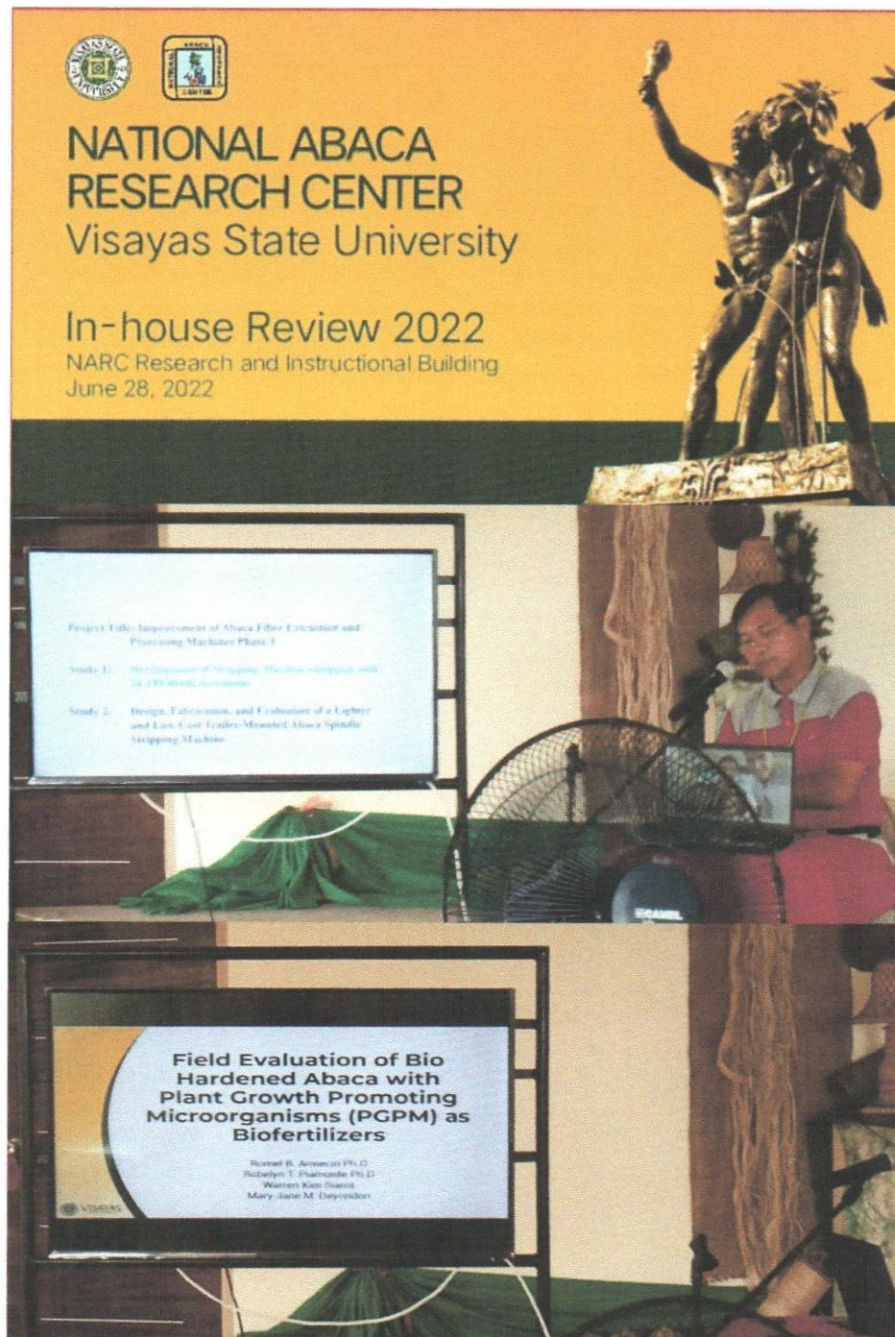
J. List of equipment/facilities purchased/enhanced

Equipment Purchased/ Upgraded/ Facilities Enhanced	Location/ Agency	Expenditure/ Cost (PhP)	Source of Funds
Installation and reconditioning of NARC 40KVA Generator	NARC	100T	VSU

APPENDICES

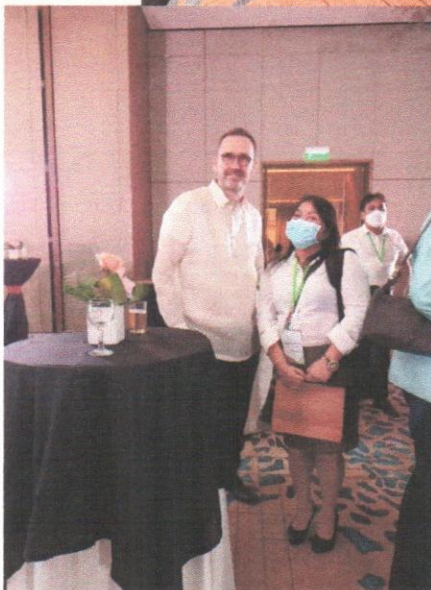
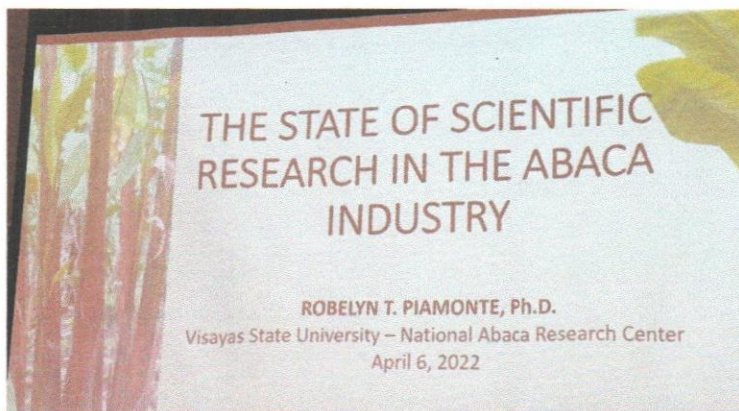
A. Paper Presented

1. Local



Eleven (11) On-Going VSU Funded Researches and Integrated Abaca Extension Program were presented during the NARC In-House Review 2022 held at NARC Research and Instructional building on June 28, 2022.

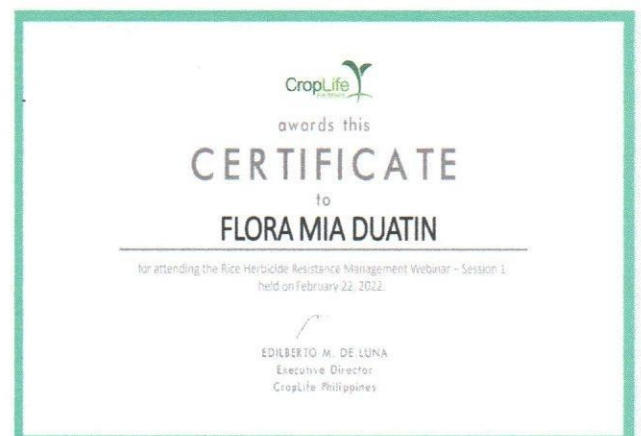
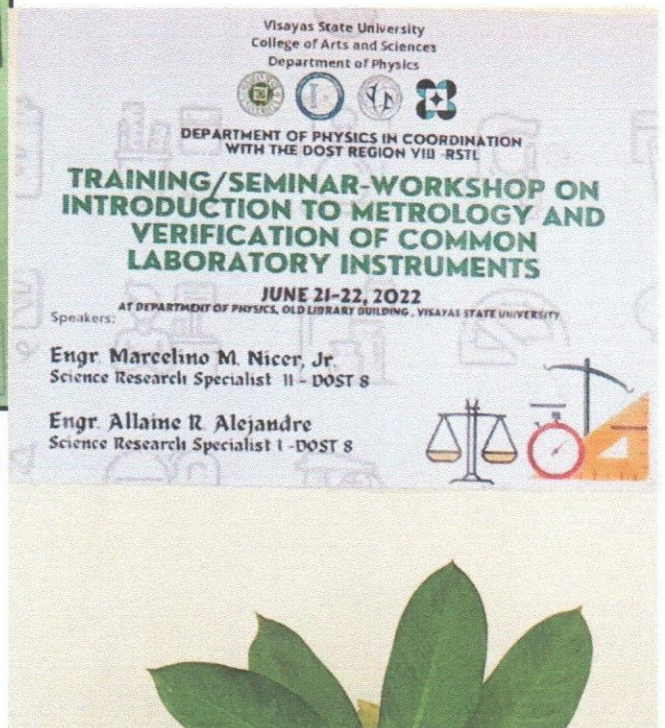
2. International



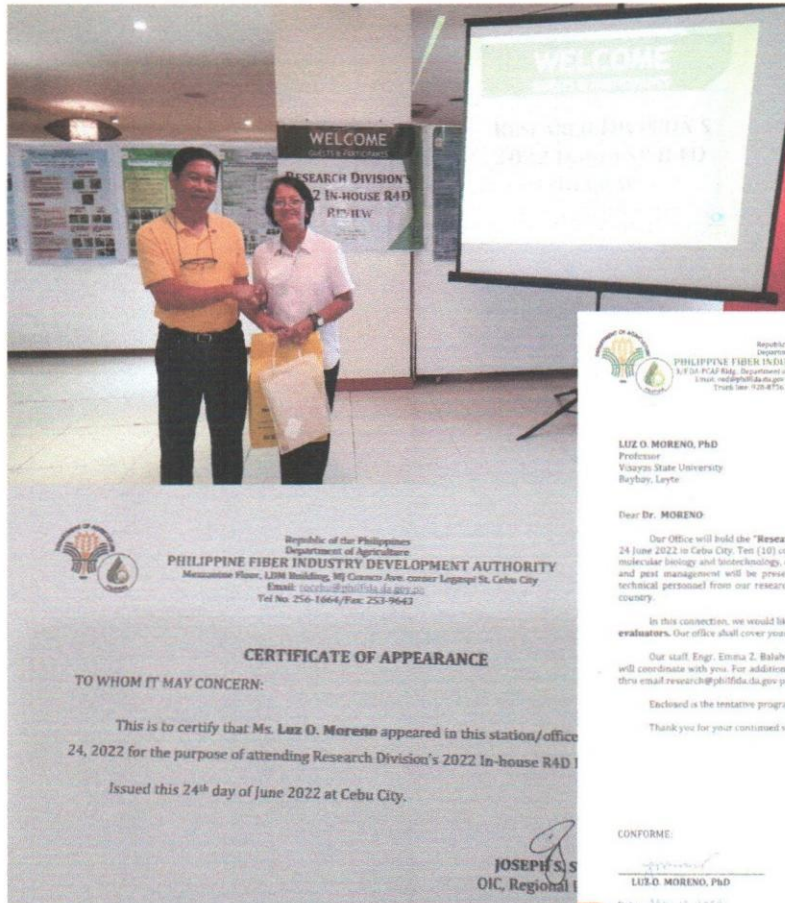
Attendance and Paper Presentation of Robelyn T. Piamonte during the Fiber for the Future (F4F) held last April 6, 2022 at Acacia Hotel, Davao City with the Theme Fiber for the Future: Project Launching and Kick-Off Workshop (Face to Face).

B. Training Attended and Acted as Evaluator

Attendance to Trainings



Evaluator



Luz O. Moreno invited as one of the members of the panel of evaluators of the On-going and Completed Researches during the Research Division's 2022 In-House R & D Review of PhilFIDA held in Cebu City.

C.NARC Technologies Commercialization



A. Banana (var Lakatan) planting @
Php 50.00/plant.



B. Abaca Power Stripper

ACCOUNTABLE FORM NO. 51-C
Revised January, 1997

Official Receipt of the Republic of the Philippines		
No. 0513295 F		
Date March 22		
Agency	VISAYAS STATE UNIVERSITY	
Payee	ALBAY AGRICULTURAL DEV. CORP.	
Nature of Collection	Account Code	Amount
Abaca Power Stripper		20,000.00
TOTAL		php 20,000.00
Amount in Words Twenty thousand and 00/100		
<input type="checkbox"/> Cash	Drawer	Number
<input type="checkbox"/> Check		Date
<input checked="" type="checkbox"/> Money Order (P.O.)		3/22/22
Received the amount stated above.		
Collector's Signature		
Collector's Office		

NOTE: Write the number and date of this receipt on the back of check or money order received.

D. Publication



Science and Humanities Journal 15:57-69 (2021)
DOI:10.47773/shj.1998.151.4

Parental Mediation of Children's Video Game Playing: Active Mediation and Co-Playing Produce Positive Outcomes

Jayvee P. Hingpit² and Jedess Miladel N. Salomon^{1*}

ABSTRACT

Current studies show that video game playing results in negative impacts to children. These negative impacts include game addiction, online risks, and exposure to child-inappropriate content. Studies also show that parents play a significant role in mitigating these negative impacts by applying strategies such as monitoring and supervision of children in their use of video games. This case study aimed to determine specific strategies adopted by parents to mediate their children's video game playing and find out what their outcomes are. In-depth interviews with parents of children aged 7–14 revealed that they generally had negative perceptions of video games. These negative perceptions resulted to either

**Paper of Jayvee P. Hingpit and Jedess Miladel N. Salomon Published
at the Science and Humanities Journal 15:57-69 (2021). Only reported
this year.**



Three (3) Papers by Mary Cris F. Plešos submitted for publication to the Scientific Paper Series Management, Economic Engineering in Agriculture and Rural Development Journal. This will be displayed On Line by the End of Oct. 2022 at the website: <http://managementjournal.usamv.ro/index.php/scientific-papers/current>.

E. Training Conducted

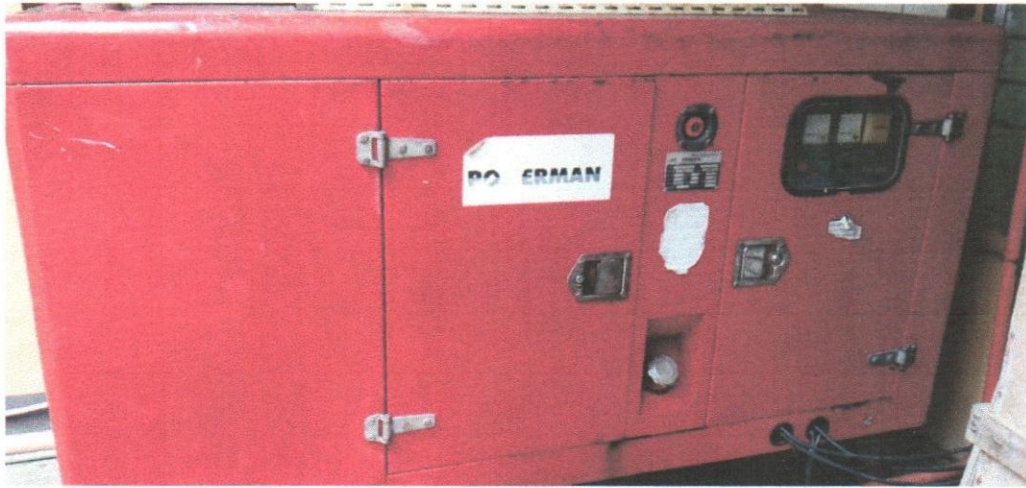
A. Abaca Stripping Machine Demonstration at National Abaca Research Center



B. Training on Abaca GAP and IPM at Brgy. Bitanahuan Baybay City, Leyte



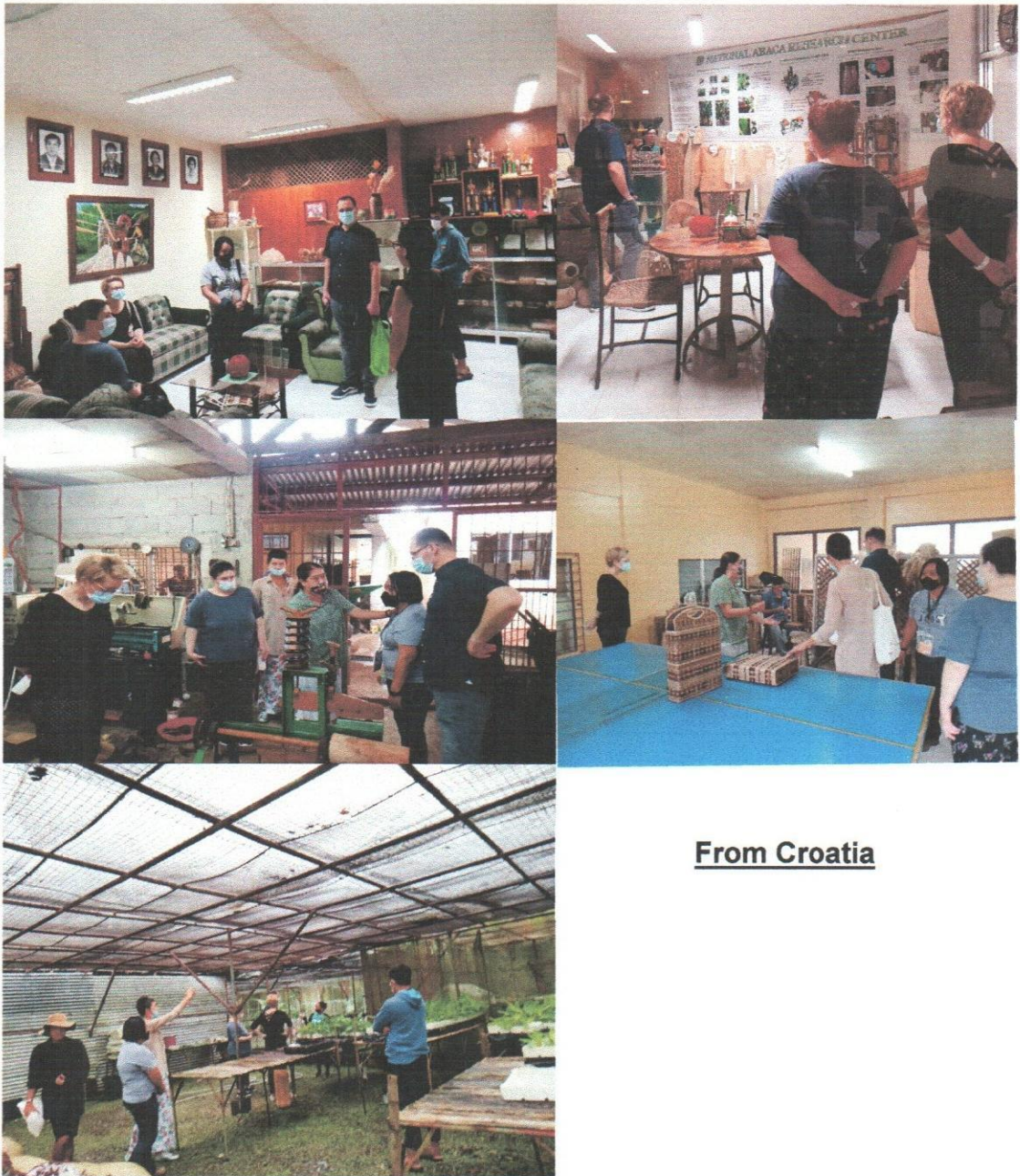
F. List of equipment/facilities purchased/enhanced



NARC 40KVA Generator (repaired/enhanced)

G.Others

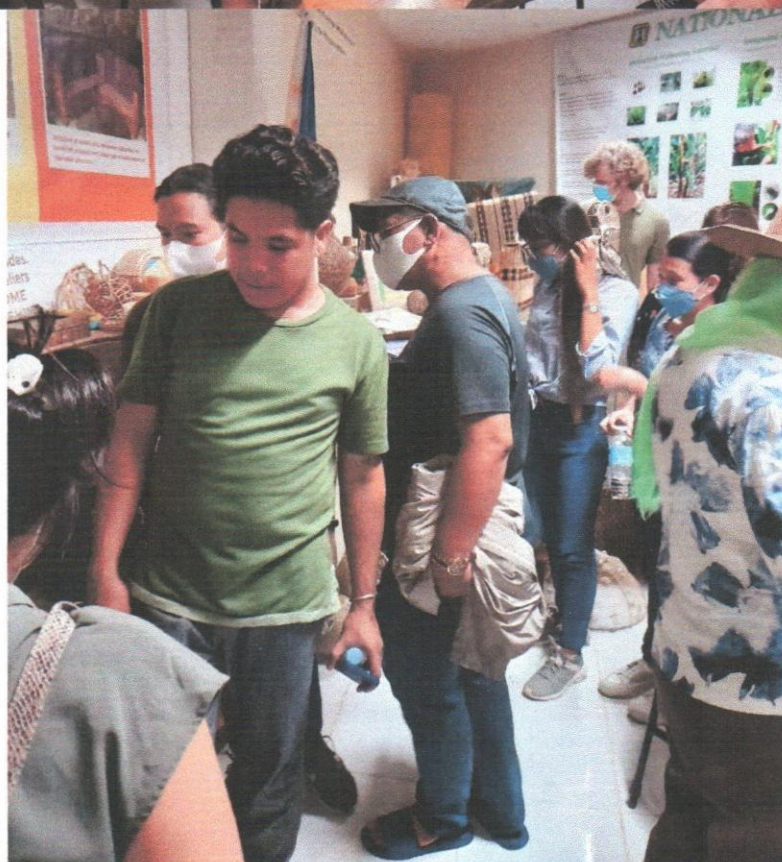
A.Visitors



From Croatia



From Belgium





Evaluators from CHED

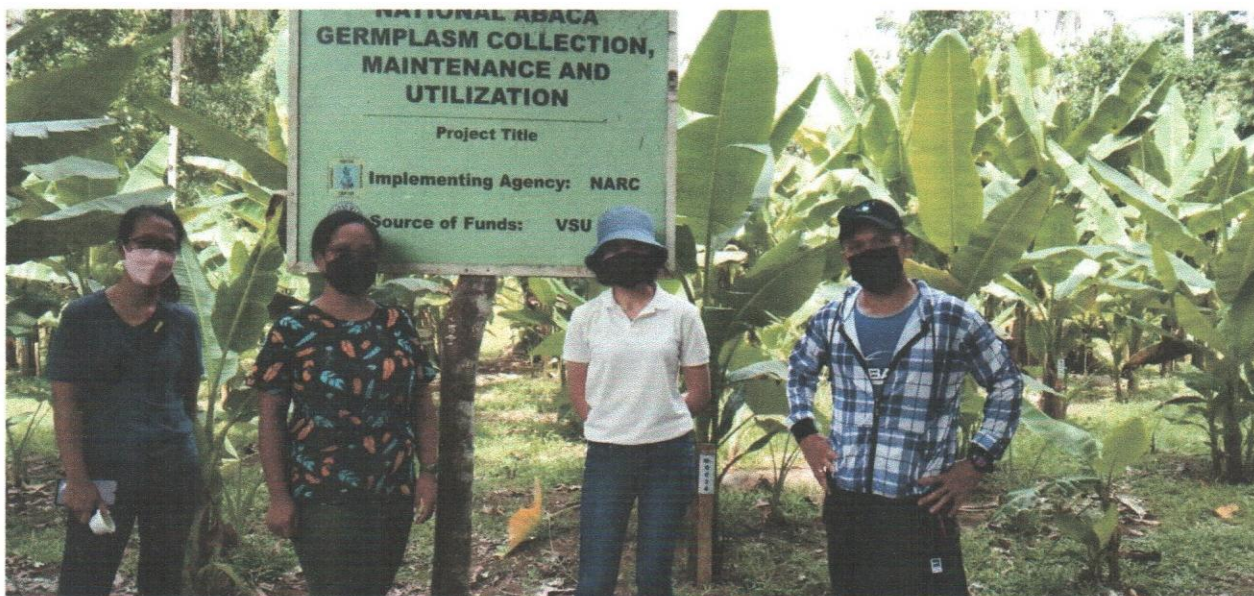
Vision:
Mission:

A globally competitive university for science, technology, and environmental conservation.
Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

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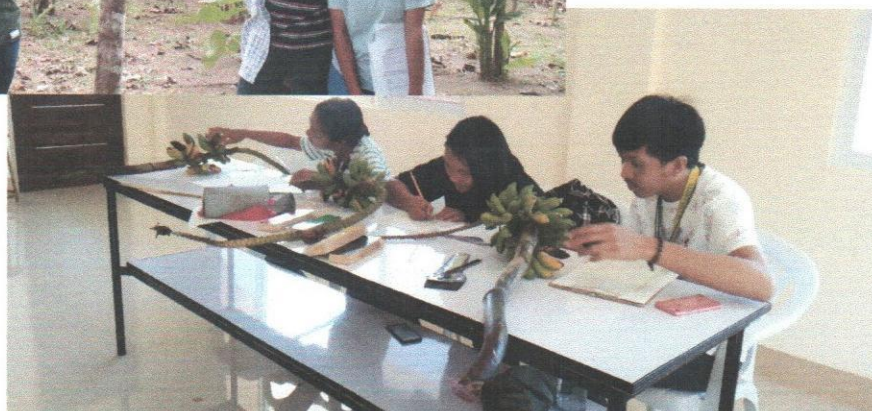
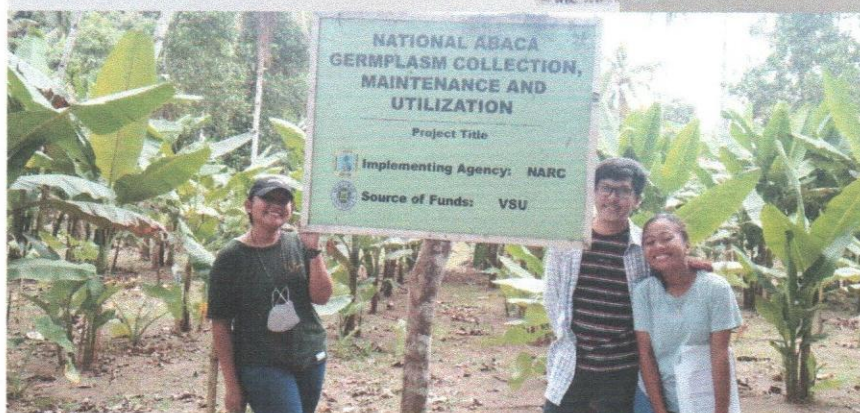


From UPLB and DA



B. On-the-Job Training Students

1. Plant Breeding (3 OJT)



2. Department of Plant Breeding (7 OJT)



3. Extension (2 OJT)

C. Minor Repair/Installation



New Signages Installation

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No.




Sink Repair

FULL-TIME EQUIVALENT

Rating Period: **2nd Semester 2022-2022**

#	Name of Staff	Subject Taught	No. of hrs/wk.
1	Duatin, Flora Mia Y.	WD SC 112 (Biology and Ecology of Weeds) Lec	2
		WD SC 112 (Biology and Ecology of Weeds) Lab	3
		Weed Sci. 252 (Weed Allelopathy) Lec	2
		Weed Sci. 252 (Weed Allelopathy) Lab	3
2	Moreno, Luz O.		
3	Pleños, Mary Cris F	Econ102 (Macroeconomics) Lec	3
		AgSc123n (Intro to Mathematical Statistics) Lec	3
4	Salomon, Jedess	DEVC 146 (Community Media Management) Lec	2
		DEVC 146 (Community Media Management) Lab	3
		DEVC 146 (Community Media Management) Lec	2
		DEVC 146 (Community Media Management) Lab	3
5	Piamonte, Robelyn T.	PPat 114 (Introductory Plant Virology) Lec	2
		PPat 114 (Introductory Plant Virology) Lab	3
		PPAT 214 (Advances in Plant Virology) Lec	2
		PPAT 214 (Advances in Plant Virology) Lab	3
6	Sinon, Feliciano G.	ABEn 141 (Agricultural and Biosystems Engineering)Lec	2
		ABEn 141 (Agricultural and Biosystems Engineering)Lab	3
		ABEn 141 (Agricultural and Biosystems Engineering)Lec	3
		AgEn 291 (Special Topics) Lec	2
FTE Total (2nd Semester :			

Prepared by:


FELIX L. OCON
 Science Research Assistant