



SOUTHERN LUZON STATE UNIVERSITY

Lucban, Quezon

OFFICE OF RESEARCH SERVICES



STATUS OF SLSU-FUNDED AND EXTERNALLY-FUNDED RESEARCH PROJECTS 2024

Proposed - 22

Ongoing Institutional – 42

Completed Institutional - 4

Ongoing External – 6

Ongoing Non R&D – 1

Completed External – 1

Completed Non R&D - 1

Status	Proponents	College/ Campus	Title	Budget (PhP)	Duration (in mos)	Funding
PROPOSED RESEARCH PROJECTS						
Presented in AIHR for Proposal	Juanita T. San Jose Artemio Rajie M. Villenas	CAG	Growth and Yield response of different KK varieties of Cabbage (<i>Brassica oleracea</i> L.) to increasing rates of processed Chicken Manure under Sariaya, Quezon conditions (Dry season cropping)	533,235.00	9	SLSU
	Maria Luisa A. Enal Aurita A. Laguador	CAS CIT	Improvement of Traditional Alcoholic Drink (Lambanog) processing through anaerobic fermentation	215,545.00	12	SLSU
	Eraldwin Dimailig Vanessa Cadeliña Aerial Gilbert Dimaranan Charlene Daya	OPS	K-Coco (Kamias-Coconut) Vinegar Development	200,000.00	15	SLSU
	Vanessa Cadeliña Eraldwin Dimailig Charlene Daya Aerial Gilbert Dimaranan	OPS	OregaCitro (Oregano-Citronella) Shampoo Bar Development	300,000.00	15	SLSU
	Maybriel Tobias Raphael Zaldy Villaseñor Jomar Saif Baudin Charlene Dominic Etcubanas	CAS	Resilience to Disasters among Dumagat-Remontados in General Nakar, Quezon using Traditional Ecological Knowledge	234,500.00	12	SLSU
	Essex Vladimer G. Samaniego Al John C. Cabanas John Michael L. Roxas	CAS	Knowledge, Attitude, and Practices towards Local Wildlife of Indigenous People of General Nakar, Quezon, Philippines	1,014,660.00	36	SLSU



SOUTHERN LUZON STATE UNIVERSITY

Lucban, Quezon



OFFICE OF RESEARCH SERVICES

Presented in AIHR for Proposal	Vanessa Cadeliña Eraldwin Dimailig Gilbert Dimaranan Charlene Daya	OPS	CinnaPatch (Cinnamon-Patchouli) Lambanog Disinfectant Spray	300,000.00	15	SLSU
	Raniel Ramilo Arvin N. Natividad	CABHA	eTANIM Online Portal: An Electric Gateway in Accessing and facilitating Agricultural Activities	137,108.00	12	SLSU
	Richard Nepomuceno	Tagkawayan Campus	Geospatial Analysis of HIV-AIDS Services and cases in CALABARZON: A Comprehensive GIS-based study for enhanced healthcare Mapping and Decision Support	198,000.00	24	SLSU
	Helene Daya Charly Lacorte Arvin Natividad	CAS CIT	Unravelling the Intergenerational impact of Socia; Media Landscape on the overall well-being: Basis for Mental Wellness App	200,000.00	12	SLSU
	Claire Ann M. Yao Aurita A. Laguador Leomar C. Miano	CABHA CIT	Development and validation of an assessment instrument for food quality and safety audits for Longganisa production in Lucban, Quezon: a preservation of culture and trademark	200,000.00	12	SLSU
With Pending compliance with IREC	Rebecca D. Jason Jay Ar C. Recto Agnes Valenzuela	Tagkawayan Campus	"Pepe and Pilar goes to school", A mixed method study on grammatical competence in English Language of senior High School Learners: Basis for material development	115,000.00	36	SLSU
	Zenaida Angeles Cherry Favor Dorris Gatus	Tagkawayan Campus	Bioliquid fertilizaer as hydroponic nutrients solution in the growth, yield, and quality of Lettuce under greenhouse condition	165,000.00	18	SLSU
	Clarita A. Caja Edsel R. Marquez Cyrinelle C. Saldivia	CAS	Kontekstwalisasyon ng Climate Action sa mga Lokal na Danas-Lucban	30,000.00	12	SLSU
	Jed Frank S. Marqueses Charly R. Lacorte Arjay T. Altovar	CAS	Competitiveness Assessment of Cities and Municipalities in Quezon Province: A Rapid Appraisal Analysis	60,000.00	12	SLSU
	Aurelio Teodoro Maguyon III Norman Paderess	CAS	A Philosophical Lens into UNESCO SDG 16 - Bridging the Gap in the	---	18	SLSU



SOUTHERN LUZON STATE UNIVERSITY

Lucban, Quezon

OFFICE OF RESEARCH SERVICES



	Jude Marr Daño		Access, Legitimacy and Public Service Delivery			
For IREC Screening	Shiela M. Manzanilla Joan M. Dizon Khristalyn V. Friginal Mary Jane S. Camarador	CAS	Double Duty: Navigating Work and Caregiving in the Sandwich Generation	110,000.00	12	SLSU
	Arvin N. Natividad Frederick T. Villa Ronelito O. San Jose John C. Valdoria Amiel Demetria	CIT CAS	Spring Water Level Monitoring Device and Information System for various spring water sources in Lucban, Quezon	250,000.00	12	SLSU
	Jay-Ar C. Recto Rebecca D. Jason Esmeralda G. Arat	Tagkawayan Campus	Breaking New Ground: A Roadmap for Empowering Generation X, Y and Z Teacher in Conducting Action Research	250,000.00	12	SLSU
	Cherry Favor Cristina D. Nicolas Krista Keith C. Guerra	Tagkawayan Campus	Determinants and Healthy Lifestyle Behavior of Government Employees in the Work Place: Input for a Wellness Program	168,000.00	24	SLSU
	Victor C. Francia Rico M. Rosales	IHK-CTE	Pandanggo Dela Candelaria: Instructional Material of Candlemas Street Dance in Candelaria, Quezon	---	---	SLSU
	El Doulos B. Chua Abigail D. Abraham Emelita N. Cada		Music Competence of Key Stage 1 Teachers in Music in Lucban, Quezon	---	---	SLSU
	Richard Nepomuceno	Tagkawayan Campus	Tagkawayan-Labong (TagBong) Noodles: GIS Mapping of Bamboos and Development Bamboo Shoots (Labong) Noddles in Tagkawayan	417,850.00	12	SLSU
	Heshell Ellaga Joana Maria Del Rio Geraldine Bacagan	Tioang Campus CAS	Promoting motivation and self-regulation in Practical Research 1: A basis for an intervention program to enhance SHS STEM's Qualitative Research Paper Writing	138,545.00	16	SLSU
			SUB-TOTAL	5,237,443.00		



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Lucban, Quezon

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Status	Proponents	College/ Campus	Title	Budget (PhP)	Duration (in mos)	Expected Year of Completion	Funding
INSTITUTIONAL RESEARCH PROJECTS							
Ongoing	Kathleen O. Pornobi Essex Vladimir E. Samaniego Jed Frank S. Marqueses	CAS	Prevalence and Associated Risk Factors of Ecto- and Endoparasites from fruit bats in buffer zones of Mt. Banahaw- San Cristobal Protected Landscape	605,500.00	36	2026	SLSU
	Delia R. Babilonia Jofren Moreno Mark Alvin R. Restan	CAG Tagkawayan Campus CAS	Biology, Abundance, Distribution, and Socio- economics of Snapping Shrimps (<i>Alpheus</i> spp.) in the Coastal Areas of Quezon Province	771,900.00	24	2025	SLSU
	Imelda A. Tangalin Veronica Aurea A. Rufo Manirose S. Lucban	Tagkawayan Campus	Development of Madre Agua (<i>Trichanthera gigantea</i>) and Girdled Snail (<i>Cerithidea</i> <i>cingulate</i>) pelleted feeds for Native Pigs	387,145.00	36	2025	SLSU
	Reydante P. Gordula Maripaz T. Lamos Veronica Aurea A. Rufo	Tagkawayan Campus	Development of Langkawas (<i>Alpinia galangal</i> L.) enhanced dilis (<i>Stolephorus commersonii</i>) Bagoong	186,000.00	36	2025	SLSU
	Editha E. De Jesus Ronaldo V. Altovar Shiela B. Abion	CAS	Distribution, phytochemical screening, and biological activities of selected Zingiber species in Mount Banahaw de Lucban	366,400.00	30	2025	SLSU
	Nona D. Nagares Donna B. Bueque Jeffreson Abris	ITSSO	Design and Development of Coconut Water Extraction and Pasteurization Machine	440,000.00	24	2025	SLSU
	Jermine F. Alinea Willy A. Manaog Joriel Flynn V. Mazo	Lucena Campus	Design and Validation of Interactive Multimedia Learning Modules in Purposive Communication for Technology Students	137,500.00	24	2025	SLSU



SOUTHERN LUZON STATE UNIVERSITY

Lucban, Quezon



OFFICE OF RESEARCH SERVICES

Richard E. Nepomuceno Rizalina Lopez Vicente Esmalde Melanie Salumbides	JGE Tagkawayan Campus	Awareness and Attitude on HIV- AIDS among Employees and Students of a Selected University in CALABARZON	199,000.00	24	2025	SLSU
Gloria B. Nada Aprillette C. Devanadera Michael Anthony G. Nada	CAS	Language Practices in SLSU: Implications for Language Planning and Policy	106,000.00	24	2025	SLSU
Claire Ann M. Yao Nona D. Nagares Alma J. Caringal	CABHA Lucena Campus Tiaong Campus	Market Segmentation: Designing Marketing Mix for <i>Lambanog</i>	180,730.00	12	2025	SLSU
April Arianne A. De Leon Jean Venelie G. Raga Alpha Ross A. Alvarez	ORS	Rethinking a State University's Institutional Research Agenda for 2024-2028: Research Strength, Needs, Thrusts, and Priorities	700,000.00	12	2025	SLSU
Arvin N. Natividad	CIT	IoT Soil nutrient detecting device using Color Sensor and LoRa Technology for rice field	198,800.00	24	2024	SLSU
Frederick T. Villa Maria Fara Cadeliña Generoso Maaño	Lucena Campus CIT	Development of Automated Solar Greenhouse Type Solar seaweeds Dryer	290,700.00	18	2024	SLSU
Anna Peachy E. Maguyon Loretta P. Arroyo Resty P. Umali	CABHA	Development of sustainable community-based enterprises for selected community in Sampaloc, Quezon	195,800.00	12	2024	SLSU
Kirstina N. Manalo Evangeline Mecija Mirasol Manlapaz Renato Maaliw III	Gumaca CAM CEN	Self- Health Assessment for Pregnant Women Mobile Application	197,000.00	18	2024	SLSU
Cerfred Alcantara Francis Laguardia Aileen Elarco	Catanauan Campus	Design And Fabrication of Portable Diesel-Powered Coco Peat Harvesting Machine	163,600.00	24	2024	SLSU
Rosalinda A. Abuy Bernadita E. Brillon	CAM	Research competence, performance, and visibility of SLSU faculty	60,000.00	12	2024	SLSU
Jose D. Sanvictores Ricaryl Catherine P. Cruz	CIT	Design and Fabrication of Machines for Mushroom Chili	205,020.00	12	2024	SLSU



SOUTHERN LUZON STATE UNIVERSITY

Lucban, Quezon



OFFICE OF RESEARCH SERVICES

			Garlic Sauce Production with Product Sensory Evaluation				
Gino A. Cabrera Maybriel O. Tobias Jan Kristian O. Bisagas	CAS		Women and youth participation in the woodcarving tradition and industry of Paete, Laguna	199,200.00	12	2024	SLSU
Celio P. Seco Roland A. Calderon Jerold Oticio	Lucena Campus		Automated Water Misting for Piggery Farm using GSM Application	116,000.00	18	2024	SLSU
Luis Miguel L. Saludez Vanessa C. Zubieta Maria Lavinia E. Fetalino	CTE		Analysis of Research Dissemination and Utilization of Graduate Students' Theses and Dissertations: Input to Policy Framework	140,000.00	12	2024	SLSU
Joanna Paula A. Ellaga-Verano Jay M. De Loreto	CABHA Infanta Campus		Challenges and Coping Mechanisms of Filipino International Students in the United States: Inputs for Policy Formulation	102,200.00	14	2024	2024
Brian D. Villaverde Judeimar A. Ungriano Julieta A. Lindo Jed Frank S. Marqueses Essex Vladimir Samaniego Fides Joyce O. Llegado Maria Elna Cosejo Aprillette C. Devanadera Khristalyn V. Fragnal Shiela M. Manzanilla Maritess De Veluz	CAS		Nurturing a healed environment: Restoring selected heritage sites in Quezon Province	282,260.00	12	2024	SLSU
Jerico L. Marasigan Ethel Quesea Nicanor L. Guinto Brian Villaverde Karizza May O. Janairo Jonald Traquina Denise Kristine Ong Len-len F. Falcon Ronald T. Umali	Polillo Campus CAS		Local Knowledge on Typhoon Resilience in Polillo Group of Islands	231,440.00	12	2024	SLSU



SOUTHERN LUZON STATE UNIVERSITY

Lucban, Quezon



OFFICE OF RESEARCH SERVICES

Violeto Coronacion, Lyn Tapan, Giselle Pujeda, at al.	Infanta Campus Tiaong Campus Alabat Campus	Assessment and Documentation of Community Practices on Mangrove (for Area 1 & 2) Conservation and Protection in Lamon Bay Near Alabat and Infanta	339,390.00	12	2024	SLSU
Leomar Miano Marissa Esperal Gino Cabrera Federico Ceribo	CABHA CAS CTE	Employees' well-being in a University setting: Framework for a gender-focused health and wellness program	151,800.00	12	2024	SLSU
Dhenalyn A. Dejelo Susana A. Salvacion Bernardita E. Brillon Percival Verano Monette Suarez Aldrin Lopez	CAM	Mental Health Assessment, Challenges, and Coping of Residents in Disaster Risk- Prone Areas in Quezon Province	402,270.00	12	2024	SLSU
Jay M. De Loreto Jan Marie Lubuguin Maricel Morada Reydante A. Oabel Roy S. Dayo Ferdinand L. Rellorosa et.al.	Infanta Campus Tiaong Campus	Needs Assessment of Dumagat Indigenous Cultural Communities in Real, Quezon: Basis for an intervention Program	221,375.00	12	2024	SLSU
Rene P. Zubieto Arvin Natividad Marissa C. Esperal Charly Lacorte Jed Frank Marqueses	CAS CIT	Assessment and Capability Building of Mental Health Services in Quezon Province: A GIS-based Mental Health Capacity Information System	371,465.00	12	2024	SLSU
Cherry Favor Jose Arnel Sarmiento Manuel C. Dime Raselieta Garcia Glenda Flores Richard Nepomuceno Imelda Tangalin Manirose Lucban	Tagkawayan Campus	Mapping of Herbal & Traditional Medicinal Plants and their level of Acceptance among Quezon Province Residents	139,600.00	12	2024	SLSU
Violeto N. Coronacion Wendy C. Nombrefia Roldan D. Jallorina	Infanta Campus	Product optimization of Nipa Sweeteners Shared Service	199,800.00	12	2024	SLSU



SOUTHERN LUZON STATE UNIVERSITY

Lucban, Quezon



OFFICE OF RESEARCH SERVICES

	Mira O. Reyes		Facility (SSF) Project in SLSU Infanta Campus				
	Richard E. Nepomuceno Rizalina C. Lopez Vicente S. Esmalde Melanie D. Salumbides	Tagkawayan Campus	Awareness and attitude on HIV-AIDS among Employees and students of a selected State University in CALABARZON	199,100.00	24	2024	SLSU
	Roland A. Calderon Jestoni Cabañas Leerio Christian Rubio	Lucena Campus	Arduino-based recyclable plastic bottles and exchange coin system with GSM notification	133,500.00	13	2024	SLSU
	Brian D. Villaverde Joan M. Dizon Nicanor L. Guinto	CAS	Communicative affordances of digital media in learning during a crisis	154,300.00	12	2024	SLSU
	Violeto N. Coronacion Wendy C. Nombrefia Roldan D. Jallorina Mira O. Reyes	Infanta Campus	Product optimization of Nipa Sweeteners Shared Service Facility (SSF) Project in SLSU Infanta Campus	199,800.00	12	2024	SLSU
	Moses T. Macalinao Reymar A. Ortega Irish T. Valdeavilla	Tayabas Campus	Interactive Infographic Database of Coconut Farms and Farmers' Profile in Tayabas City, Quezon: Baseline Information for Coconut Replanting Program	256,200.00	13	2024	SLSU
	Jay-Ar C. Recto Esmeraldo G. Arat Cherry C. Favor Rebecca D. Jason	Tagkawayan Campus	Behind the tattered fishing net: A story of resilience of fishing community	63,140.00	12	2023	SLSU
	Melanie D. Salumbides Cristina D. Nicolas Wilma L. Comia Felix Lampos, Jr.	Tagkawayan Campus	Acceptance of COVID-19 Vaccine: A challenge in Tagkawayan Community	72,600.00	12	2023	SLSU
	Cherry C. Favor Zenaida C. Angeles Imelda A. Tangalin Felix Lampos, Jr.	Tagkawayan Campus	Environmental literacy: A way forward for Climate Change Adaptation	71,000.00	18	2023	SLSU
	Ma. Isabel V. Caringal Joanna Marie O. Del Rio Roy S. Dayo	Tioang Campus	Productivity, Profitability and Quality of Stingless Bees (<i>Tetragonula</i> sp.) Honey, Pollen and Propolis in various Bee Hive Materials	199,544.00	18	2023	SLSU



SOUTHERN LUZON STATE UNIVERSITY

Lucban, Quezon



OFFICE OF RESEARCH SERVICES

	Jennifer Edytha E. Japor Leomar C. Miano Patrice Grace A. Caneo	CABHA	Assessment of COVID-19's impact on small and medium enterprises in Quezon Province through business health check	161,484.00	12	2022	SLSU
	Ana Violeta Cruz Ma. Luisa Barreto Jessica Sabas	CAM	Challenges and resiliency of older adults amidst COVID 19 Pandemic: A holistic approach	34,000.00	12	2022	SLSU
			SUB-TOTAL	9,832,563.00			
Completed	Brainerd Aldrin Lopez Manuel Delos Santos Leonel Alday	CAM CTE	Acceptability of establishing Teleradiology in Southern Luzon State University	100,760.00	12	2023	SLSU
	Marissa C. Esperal Michelle V. Ramirez	CAS	Techno-Psych Serv: Technology-based psychological services applied to male and female adolescents and adults with special needs	200,000.00	24	2024	SLSU
	Marife S. Magpantay Helene D. Daya Marinas A. Bueza Jake Arman A. Principe	CTE CAS	Multilevel Perspective of Internal Stakeholders on Flexible Learning Implementation of a Higher Education Institution in the Next Normal Towards Policy Enhancement in the Next Normal	60,000.00	8	2024	SLSU
	Karen Anne C. Quing Jomar Sif Baudin	CAS	A Sequential Explanatory Study Examining the Buffering Effects of Human- Animal Interactions on Stress and Quality of Life among Working from Home-Employees during the COVID-19 Pandemic	297,600.00	18	2024	SLSU
			SUB-TOTAL	658,360.00			



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Lucban, Quezon

OFFICE OF RESEARCH SERVICES



Status	Proponents	College/ Campus	Title	Budget (PhP)	Duration (in mos)	Expected Year of Completion	Funding
EXTERNALLY FUNDED RESEARCH PROJECTS							
Ongoing	Amalia Almazol Ronald Garcia Francisco Beltran Eraldwin Dimailig Kathreena Gutierrez	CAG	Reproductive Phenology, Propagation, and Habitat Characterization of threatened and Economically Valuable flora in Mt. Banahaw de Lucban	4,999,650.00	24	2024	DOST PCAARRD
	Al John Cabanas	CAS	Exploration of perspective, experiences, visions of local stakeholders on the one health approach and issues in selected wildlife hotspots in the Philippines	600,00.00	10	2024	International Alliance against Health Risks in Wildlife Trade
	Al John Cabanas	CAS	Population estimates and crop- raiding behavior of Philippine warty pig in Mt. Banahaw Protected Landscape	700,000.00	36	2024	Chest
	Renato Maaliw	CEN	Board Examination Prediction of Civil Engineering Program using Data Mining	5,489,380.00	24	2024	CHED IDIG
	Doracie Zoleta- Nantes		Documentation of the art of weaving traditional buri hats and bags by women in Lucban, Quezon and the reason for its disappearance	200,000.00	6	2024	NCCA
	Nicanor L. Guinto Shiela Manzanilla Brian Villaverde Amiel Jansen Demetrial	CAS	Cultural packaging of the Lucban San Isidro Pahiyas Festival	165,000.00	8	2024	Korea National University of Cultural Heritage 'UNESCO Chair Research Grant'
	Roy S. Dayo Cleofe A. Calanasan Ma. Isabel V. Caringal Aldo Shem Hanniel A. Quides	Tiaong Campus	Influence of Supplemental lighting on the optimum growth of Japanese melon (<i>Cucumis Melo cultivar Earls Muskmelon</i>)	1,403,000.00	12	2025	DOST Regional Office No. 4A



SOUTHERN LUZON STATE UNIVERSITY

Lucban, Quezon

OFFICE OF RESEARCH SERVICES



			SUB-TOTAL	13,557,030.00			
NON-R&D Ongoing	Aurita A. Laguador Ma. Luisa A. Enal Claire Ann M. Yao Nona Nagares Alma J. Caringal	CIT CAS CABHA Lucena Campus Tiaong Campus	Traditional Alcoholic Beverages and Innovated Drinks Laboratory (TAGAY Lab)	4,775,100.00	24		DOST-PCIEERD
			SUB-TOTAL	4,775,100.00			
Completed	Leomar C. Miano Aurita Laguador Claire Ann Yao Gino Cabrera Chona Cayabat Felino Gutierrez Ma. Isabel Caringal Roy Dayo	CABHA CAS CAG Tiaong Campus	Building Climate Resilient BP2 (Balik Probinsya, Bagong Pag-asa) Villages from the selected Agrarian Reform Communities (ARCs) in Quezon Province	1,633,077.00	12	2024	DA-Field Office IVA
			SUB-TOTAL	1,633,077.00			
NON-R&D Completed	Nona Nagares Maria Corazon B. Abejo Aurita A. Laguador Jennifer Edytha J. Lagrazon Giehway R. Liwanag	ITSSO	Regional Agri-Aqua Innovation System Enhancement (RAISE) Program	1,601,030.00	30	2024	DOST-PCAARRD
			SUB-TOTAL	1,601,030.00			

Prepared by:

JEAN VENELIE G. RAGA
Science Research Assistant

Noted by:

NICANOR L. GUINTO, PhD
Director, Office of Research Services



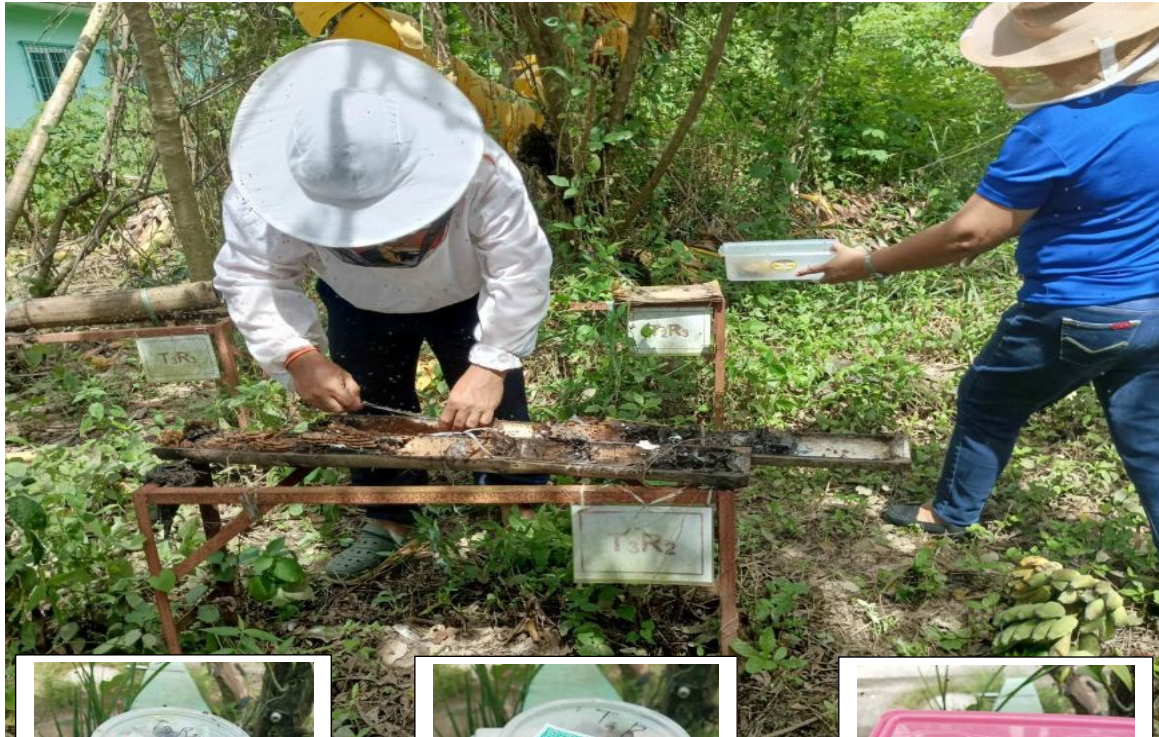
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Lucban, Quezon

OFFICE OF RESEARCH SERVICES



ONGOING AND COMPLETED RESEARCH PROJECTS WITH PHOTOS

Productivity, profitability and quality of honey, pollen and propolis of stingless bees in various bee hive





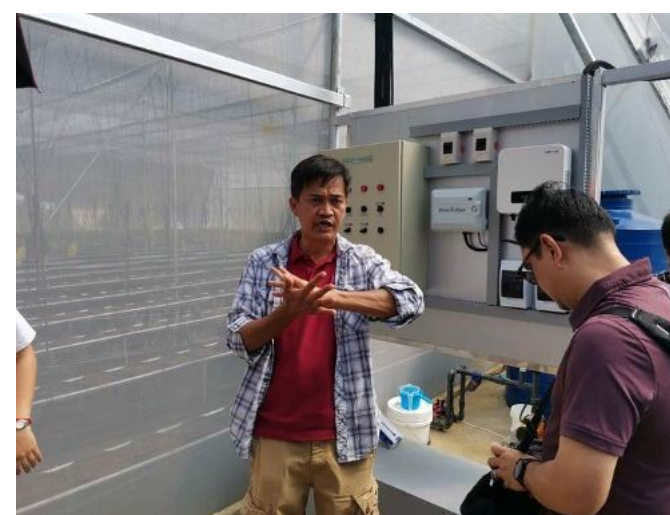
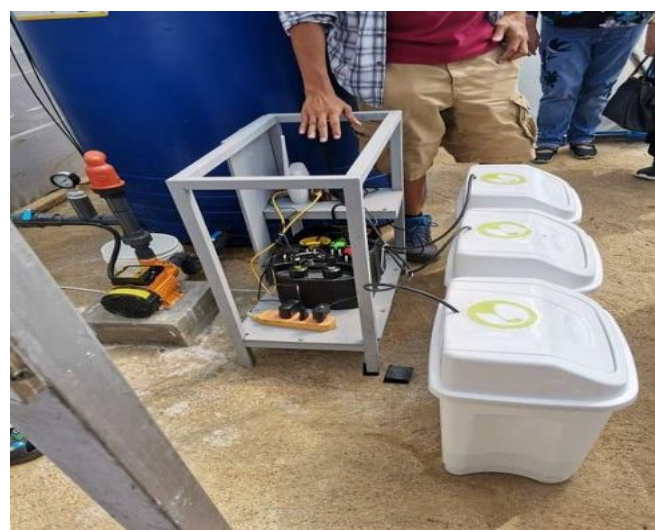
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IoT Soil Nutrient Detecting Device using Color Sensor and LoRa Technology for rice field





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Reproductive Phenology, Propagation, and Habitat Characterization of threatened and economically valuable flora in Mt. Banahaw de Lucban





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Cultural Packaging of the Lucban San Isidro Pahiyas Festival





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Biology, Abundance, Distribution, and Socio-economics of Snapping Shrimps (*Alpheus* spp.) in the Coastal Areas of Quezon Province





SOUTHERN LUZON STATE UNIVERSITY

Lucban, Quezon

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Prevalence and Associated Risk Factors of Ecto- and Endoparasites from fruit bats in buffer zones of Mt. Banahaw-San Cristobal Protected Landscape





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Design and Development of Coconut Water Extraction and Pasteurization Machine





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Design and Fabrication of Machines for Mushroom Chili Garlic Sauce Production with Product Sensory Evaluation





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