


Republic of the Philippines
PANGASINAN STATE UNIVERSITY
 Research and Development Office
 Lingayen, Pangasinan




Campus	SUMMARY OF RESEARCH PROPOSAL FOR 2023											Total No. of Proposals per Campus	
	Center for History, Culture, Arts, Languages and Innovative Education	Integrated Agriculture Research and Development Center	Center for Hydrology, Aquamarine, Natural and Ocean Sciences	Food Innovation Center	Machine Automation and Technology Innovation Center	Center for Statistics and Computing Sciences	Data Analytics Center	Center for Business, Economics and Tourism	Center for Human Welfare, Policy, Governance and Community Development	Center for Health, Energy, Disaster and Environmental Sustainability	Salt Technology Innovation Center		Mushroom Technology Innovation Center
Alaminos	4		1			2	2	12	5		3		29
Asingan	12			2	3	2			3	2	2		26
Bayambang	34			8			4	1	3	2			52
Binmaley	2	1	15		1	1			10	3			33
Infanta	11	2		2	1			2	6	1			25
Lingayen	66		2	16	4	1	3	33	26	13	2		166
San Carlos	7	2		4			2	4	8				27
Sta. Maria	4	11		2	2			1		2		11	33
Urdaneta	8				6	11	7		4	9	8		53
OUS	3								1				4
SAS	18								1				19
Total No. of Proposals per Center	169	16	18	34	17	17	18	53	67	32	15	11	467

Prepared by:


RANDY JOY M. VENTAYEN, DBA, DIT
 Director, Research and Development

Noted:

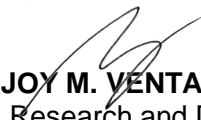

RAZEALE G. RESULTAY, Ph.D
 Vice President, Research, Extension, Innovation and GAD

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Campus	BUDGET (Php) OF PROPOSALS PER CENTER 2023											Total Budget per Campus	
	Center for History, Culture, Arts, Languages and Innovative Education	Integrated Agriculture Research and Development Center	Center for Hydrology, Aquamarine, Natural and Ocean Sciences	Food Innovation Center	Machine Automation and Technology Innovation Center	Center for Statistics and Computing Sciences	Data Analytics Center	Center for Business, Economics and Tourism	Center for Human Welfare, Policy, Governance and Community Development	Center for Health, Energy, Disaster and Environmental Sustainability	Salt Technology Innovation Center		Mushroom Technology Innovation Center
Alaminos	30,000.00		50,000.00			25,000.00	20,000.00	70,870.29	38,000.00		36,758.37		270,628.66
Asingan	75,000.00			93,000.00	56,872.16	24,000.00			56,000.00	196,000.00	27,488.21		528,360.36
Bayambang	250,000.00			314,000.00			193,300.80	10,392.99	41,500.00	60,000.00			869,193.79
Binmaley	10,000.00	65,000.00	537,489.00		11,374.43	10,000.00			102,000.00	265,000.00			1,000,863.43
Infanta	115,000.00	42,000.00		35,000.00	13,270.17			43,551.58	47,000.00	125,000.00			420,821.75
Lingayen	443,500.00		80,000.00	157,000.00	29,004.80	12,000.00	60,000.00	210,359.80	263,385.85	770,750.00	18,957.39		2,044,957.83
San Carlos	40,000.00	42,000.00		28,000.00			15,000.00	29,298.33	28,000.00				182,298.33
Sta. Maria	25,000.00	677,332.00		11,294.00	204,929.34			4,949.04		48,500.00		253,000.00	1,225,004.38
Urdaneta	52,000.00				398,542.25	245,102.27	100,000.00		60,000.00	1,185,000.00	502,370.72		2,543,015.23
OUS	24,500.00								9,000.00				33,500.00
SAS	220,000.00								17,000.00				237,000.00
Total Budget per Center	1,285,000.00	826,332.00	667,489.00	638,294.00	713,993.14	316,102.27	388,300.80	369,422.03	661,885.85	2,650,250.00	585,574.68	253,000.00	9,355,643.77

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2023 RESEARCH PROPOSALS

Center: Center for History, Culture, Arts, Languages and Innovative Education (CHCALIE)

CAMPUS	TITLE OF THE STUDY	STUDY LEADER (SL) and Co-researcher(s)	DURATION (Months)	DATE TO START (Month, YEAR)	DATE TO COMPLETE (Month, YEAR)	University Agenda Addressed	BUDGET (Php)
Alaminos	Taboo Language: To Teach or Not to Teach	Jenylyn V. Oboza	12	Jan, 2023	Dec, 2023	Open and Flexible Education	10,000.00
Alaminos	Awareness of Pre-Service Teachers on Child Protection Policy: Basis for Monitoring and Development Plan	Jocelyn S. De Vera (SL)	12	Jan, 2023	Dec, 2023	Open and Flexible Education	10,000.00
Alaminos	Responsiveness of the BSE Mathematics Curriculum to Industry 4.0: Basis for Curriculum Enhancement	Christopher J. Cocal	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Alaminos	International Competitiveness of Faculty Members of State Colleges and Universities in the Philippines	Christopher J. Cocal	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Asingan	Learning Loss in Chemistry: Basis for Conceptualizing a Remedial Program	Honelly Mae S. Cascolan	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Asingan	Effects of Mind-Mapping in Teaching Biochemistry of BSE Science Major Students of PSU Asingan Campus	Patricia B. Manaloto	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Asingan	Development of Mathematics Big Books for K to 3 Learners Using Mother Tongue (Iloko Dialect)	Merwin D. Nonan (SL) et al	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Asingan	ETEEAP Online University	Analyn I. Diola (DL), Cristie Dalisay, Mary Ann Soberano	12	Jan, 2023	Dec, 2023	Open and Flexible Education	10,000.00
Asingan	English Grammar Proficiency of English Major Students using Tic-Tac-Toe Strategy in Pangasinan State University, Asingan Campus	Elsa Q. Terre (L), Mary Jane U. Quibilan, Angie Baniqued Amla	12	Jan 2023	Dec 2023	Open and Flexible Education	10,000.00
Asingan	Tracer Study among ETEEAP Graduates	Analyn I. Diola (DL), Cristie Dalisay, Mary Ann Soberano	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Asingan	Utilization of Authentic Assessment Tools During Flexible Online Class*	Armando D. Junio	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Asingan	Design, Implementation and Evaluation of a Module on Climate Change*	Honelly Mae S. Cascolan	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Asingan	Using Process Oriented and Guided Inquiry Learning in Teaching Climate Change*	Honelly Mae S. Cascolan	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00

Asingan	Exploring Students' Academic Achievement, Motivation Orientation and Self-Regulated Learning Strategies Towards Chemistry*	Honelly Mae S. Cascolan	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Asingan	The Effect of Flipped Classroom Environment on Academic Achievement, Self-Efficacy and Metacognition Awareness of Students Towards Chemistry*	Honelly Mae S. Cascolan	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Asingan	Enhancing Literacy Skills of Out-of-School Youth Using DRAW Approach	Mary Jane U. Quibilan	12	Jan, 2023	Dec, 2023	Open and Flexible Education	10,000.00
Bayambang	Project: Scoping Review on Quality Education and Educational Innovations: A Framework for Curriculum and Instruction Agenda Study 1 – Impact of Departmental Examination on Students Academic Achievement and General Education Board Performance Study 2 – Students' Board Performance and Collegiate Learning Satisfaction Study 3 – Institutional Initiatives on Board Examination Preparation for Students: Basis for Competency-Based Enhancement Framework	Rodelio M. Garin (PL) Razeale Resultay	12	Jan, 2023	Dec, 2023	Open and Flexible Education	20,000.00
							20,000.00
							20,000.00
Bayambang	Finding Meaning During Challenging Times: A Program on Hopeful Career-Life Goals	Kazel Ramos (SL), Cheryl Mendoza	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Practice Teaching During the New Normal Education: A Qualitative Inquiry	Kevin Nicole N. Buted	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Twenty-First Century Skills and Job Performance of the Faculty of PSU Bayambang Campus College of Teacher Education in the Lens of Students	Kevin Nicole N. Buted	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	The Ironic Truth: Two Exceptional Pupils in Pangasinan (Phase 1)	Mary Joy O. Macaraeg (SL), Reginal A. Austria	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Heirloom Delights: Cognizance among PSY Students	Mary Joy O. Macaraeg (SL), Reginal A. Austria	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Competitive Edge of Teacher Education of BSE English Graduates	Mary Ann J. Bullagay (SL) Salome M. Montemayor, Jearica Ico, Ryll Vallo, Adrian Veloso	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Stressors and Coping Strategies of Teaching Interns in Post-Pandemic Context	Jeferson A. Austria (SL)	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Gipang: A Unique Bayambang Delicacy	Reginald B. Austria (SL), Mary Joy O. Macaraeg	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	The Mediation Effects of Student Engagement and Stress on the Relationship Between Goal-Oriented and Academic Performance	Joseph B. Campit	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00

Bayambang	Team Teaching to Enhance Instruction in Filipino Language in Secondary Schools	Ma. Theresa E. Macaldao	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Team Teaching to Enhance Instruction in English Language in Secondary Schools	Jenzen Brisa B. Alcantara	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Competencies of Senior High School PE Teachers in DepEd Bayambang District: Basis for an Executive Training Program	Ronan L. Mendoza (SL)	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Bili's Belas: Mapping of Indigenous Knowledge and Cultural Practices Involving Rice by Pangasinan	Melchor E. Orpilla (SL)	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	The Role of Parents in the Transmittal of Pangasinan Language to their Children: A Case in the Province of Pangasinan	Cheryl Mendoza (SL)	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Tracer Study of BSE Science Majors of PSU: An Analysis	Roma Grace H. Dizon (SL), et al	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Humanization in the New Normal Learning at Pangasinan State University*	John Joseph Zarate et al	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Predictive Model of Students' Academic Performance during Pandemic based on their Levels of Stress and Coping Mechanisms*	Marjorie Lacap, Michael Howard Morada, Rico Reyes, Grace Suratos	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Tracer Study on BSE Science Graduates of PSU Bayambang from 2015-2020*	Roma Grace Dizon, Christian Paul Soriano, Dennis Montoya, William Cayetano, Marjorie Dantis	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Utilization of Flexible Learning System in Teaching Physical Education in PSU Bayambang Campus*	Melanie Junio, Reynante Mangsat, Ma Cristina Gamo, Ramil Dacal, Antonio Luces, Jr, Bobby Lopez	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Development and Validation of Instructional Videos in Teaching English to Junior High School Students*	Mary Ann Bullagay, Tuesday De Leon, Salome Montemayor, Jessica Pascua Krigher Simbulan	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Pedagogical Competence and Academic Performance in the Competency-Based Enhancement of the Fourth Year Teacher Education Students of PSU Bayambang Campus*	Amado C. Ramos	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Students' Mastery Level on Modular Arithmetic Using Card Games (1) Extending Classic Card Games Applications and Mechanics on Modular Arithmetic (2) Integrating Mastery Learning Theory on Learning Modular Arithmetic through Classic Card Games	Rodelio M. Garin Joseph B. Campit	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Tracer Study on BSE Mathematics Graduates of PSU from 2015 – 2020*	Joel C. Junio et al	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Mga Batang Ina Ng PSU: Revelations of Teenage Mothers of PSU Bayambang*	Liza L. Quimson	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00

Bayambang	Challenges on Online Licensure Examination for Teachers Review	Luzviminda Q. Ramos, EdD (SL), Liza Quimson, Vemma Mae R. Guinto	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Traylingguwal na Diksiyonaryong Panghanapbuhay sa Pangasinan*	Mary Ann C. Macaranas (SL), Salome M. Montemayor, Mary Ann J. Bullagay Tuesday C. De Leon, Jessica Pascua	12	Jan, 2023	Dec, 2023	Open and Flexible Education	40,000.00
Bayambang	Effectiveness of Technology-Aided Instruction using LMS-Microsoft Teams in Teaching Arts*	Jomar R. Gonzales (SL), Mae Anne C. Paglingayen	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Involvement of the Locals in Community Development Projects among the Poorest Barangays in Bayambang, Pangasinan*	Reynante U. Malicdem	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Relationship Between Instructional Leadership of Department Chairs and Pedagogical Competence of Faculty Members*	John Joseph D. Zarate	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Effects of Preparedness of Teachers and Students in Virtual Learning in Physics*	Christian Paul G. Soriano (SL), Dennis V. Montoya	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Bayambang	Child Care Services Program for PSU Community: Assessing the Need and Potential Support	Jessa T. Eugenio (L), Lovejoy Caerlang, Razeale T. Resultay, Rudjane C. Tunac	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Binmaley	Stress Management and Coping Mechanisms of the Faculty Members Teaching Language-Related Courses	Jesusa Sanchez	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Binmaley	Effects of Remote Teaching on Criminology Students' Academic Performance in PSU Binmaley Campus	Saylee M. Honrado (SL), Cheryl A. De Castro, Jam Michael A. Fernandez, Danschiel Genre Dean B. Ramos, Gina S. Millamina, Rogelio A. Clores	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Infanta	Analysis of High School Entrants among Secondary Schools in Infanta, Pangasinan	Eddelaine Monte (SL)	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Infanta	Management of Operations of the Limited Face-to-Face of Pangasinan State University – Infanta Campus	Eddelaine Monte (SL)	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Infanta	The Academic Performance of Pantawid Pamilyang Pilipino (4Ps) Recipients in Infanta, Pangasinan	Rofer Jay Ferrer (SL)	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Infanta	Factors Affecting the Decision-Making of Grade 10 PSU Laboratory High School Students in their Choice of Senior High School Track	Ruby Mae Bernachea (SL)	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Infanta	The K to 12 Philippine Graduates During Pandemic as Perceived by Emerging Industries	Narciso Martin (SL), Ian Evangelista, Agerico Oboza	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Infanta	Project: Nexus of Teaching Competencies, Research Capabilities and Productivity to Graduates' Performance as Perceived by Stakeholders in Luzon, Philippines (Phase 1)	Rosanna D. Gonzales (PL), Ian D. Evangelista	12	Jan, 2023	Dec, 2023	Open and Flexible Education	20,000.00

	Study 7 – Contextualized Education in Biological Sciences Using Traditional and Digital Tools, Practices, Laboratories and Innovations for Curriculum Development						10,000.00
	Study 8 – Contextualized Education in Physical Sciences Using Traditional and Digital Tools, Practices, Laboratories and Innovations for Curriculum Development						10,000.00
	Study 9 – Post-Evaluative Insights among Filipino Students on Alignment, Spirality, Strand and Awards in K to 12 STEM vs Non-STEM						10,000.00
	Study 10 – Analysis of Systematic Review in Graduate School						10,000.00
Lingayen	Project: Proj. UPS Understanding Publications in Science	Maricris Sison, Adrian Eusyle V. Gutoman,	12	Jan, 2023	Dec, 2023	Open and Flexible Education	2,500.00
	Study 1 – Management of Laboratory Works in STEM Education in Pangasinan, Philippines During Pandemic: Skills' Loss and Gain	Cynthia P. Lopez Christy Ann M. Rahon, Edwin C. Cancino,					2,500.00
	Study 2 – Utilization of Research Materials and Learner Satisfaction by Senior High School in terms of Extent of Use and Applicability for Post-Pandemic Period	Aris V. Cajigal, Jun S. Camara Vi Briza E. Guarin,					2,500.00
	Study 3 – Influence of Self-Efficacy among Filipino Researchers in Research Instruction	Shella Marie I. Diocares, Elmer L. Diocares,					2,500.00
	Study 4 – Level of Competency of 21 st Century Learners in SHS Research	Elsa Q. Terre, Vemma Mae R. Guinto,					2,500.00
	Study 5 – Online Journals and Websites: Their Corpus Attributes as Basis for a Free Publication Management Model	Markconi F. Taroma, Celso P. Resueno,					2,500.00
	Study 6 – Publications on Nuclear Science and Technology of the Philippines: A Qualitative Analysis in a Period of 6 Decades	Jomar M. Urbano, Mary Jane U. Quibilan,					2,500.00
	Study 7 – Management of Research Instruction among Senior High Schools in Selected Schools in the Philippines as Basis for a Policy Framework	Teddy M. Fernandez, Joebert D. Ballesteros,					2,500.00
	Study 8 – Peer Review in Graduate School	Jimmy G. Catanes					2,500.00
	Study 9 – Content Analysis of Genetics Laboratory Outputs of Science Undergraduates as Basis for Syllabus Enhancement						2,500.00
	Study 10 – Future Skills of Pre-Service Teachers in Science Ed and Industry						2,500.00
Lingayen	Academic Challenges of Marginalized Students of PSU	Marinuella T. Aquino	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Lingayen	Utilization of the Free Web-Based Learning Platforms of the Faculty Members in Pangasinan State University	Vladimir Marie E. Cabutotan	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Lingayen	Project: Preserving Bolinao Language	Vladimir Marie E. Cabutotan	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00

	Study 1 – The Status of Bolinao Language in Bolinao and Anda, Pangasinan						5,000.00
	Study 2 – Morphological Analysis of Bolinao Language						5,000.00
	Study 3- Developing Multilingual Dictionary (English, Pangasinan, Bolinao)						
Lingayen	English Learning Characteristics Associated Difficulties in Word Recognition in Sentence and Paragraph Contexts among Grade 10 Students	Presley V. De Vera	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Lingayen	Strategies for Teaching the Skills in Word Recognition among Grade 7 English Language Learners	Presley V. De Vera	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Lingayen	Development of DaMath Variants for Advanced Mathematics	JM Castro	12	Jan, 2023	Dec, 2023	Open and Flexible Education	4,000.00
Lingayen	Vidit: A Reliable Performance Assessment Tool for Flexible Learning in Language Education	Jessie Paragas	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Lingayen	Students' Reading Format Preference in Flexible Learning and Its Impact to the Library Collection	Karen Santillan	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Lingayen	Digital Literacy Level in Learning Foreign Language for BS Hospitality Management Students of Pangasinan State University	Jessica James Paiso	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Lingayen	Project: Comparative Study on the Job Performance of the Faculty Members and Academic Achievement of BTLEd and BTVTEd Students	Amelita M. De Vera (PL), Rosanta V. Alibin, Sunshine E. Umayam, Rosalinda G. Cochico, All TVLE Faculty Members	12	Jan, 2023	Dec, 2023	Open and Flexible Education	
	Study 1 – Relationships Between Academic Performance and Job Satisfaction of Faculty Members						5,000.00
	Study 2 – Faculty Members' Level of Satisfaction: Its Satisfaction to their Levels of Commitment, Professionalism and Competency in Teaching						5,000.00
	Study 3 – Effectiveness of Trainings, Conferences and Seminars by the Faculty Members on the Enhancement of Their Teaching Performance and Their Students' Academic Achievement						5,000.00
Lingayen	Project: Proj. MALICO: Exploring Brgy. Malico, San Nicolas, Pangasinan as an Indigenous Community with an Issue on Territorial Claims	Teddy M. Fernandez (PL), Jun S. Camara (Co), Rosario DL Valencerina, Cynthia P. Lopez, Maan L. Ferrer, Edwin C. Cancino, Rhegina F. Tubera, Gerald Pagodpod, Joebert D. Ballesteros, Randy F. Soriano,	12	Jan, 2023	Dec, 2023	Lifelong Learning and Socio-cultural Diversity	
	Study 1: Preferences – Sta Fe vs San Nicolas						5,000.00
	Study 2: Sentiments from yt, vlogs, socmed						10,000.00
	Study 3: Kalanguya Proverbs						5,000.00
	Study 4: Use of Kalanguya as a Dialect						5,000.00
	Study 5: Community Health						10,000.00
Study 6: Kalanguya and Sch. Curriculum	10,000.00						

	Study 7: Ethnobotanical Plants Study 8: Lived Experiences of Brgy Officials Study 9: Indigenous Songs Study 10: Stakeholder's Participation for Kalanguya	Violeta C. Manaoat, Paz Cheri Ann V. Soriano, R. Ahmad Zaky El Islami, Dickson Adom,					20,000.00 10,000.00 5,000.00 10,000.00
Lingayen	Project: Preparation for BIT Level 4 Accreditation Study 1 – BIT Students' Profile Study 2 – BIT Students' Performance Study 3 – BIT Graduate Tracer Study Study 4 – VMGO Awareness of BIT Students	Jeff G. Pereyras (PL), BIT Faculty	12	Jan, 2023	Dec, 2023	Open and Flexible Education	2,500.00 2,500.00 2,500.00 2,500.00
Lingayen	Project: Project MAGSULAT – Module and Apps: Growing Science Understanding Using Literature for Assessment-oriented Teaching – Development and Validation of IMs in: Study 1 – Genetics Lecture (undergrad) Study 2 – Biochemistry Lecture (undergrad) Study 3 – Microbiology Lecture (undergrad) Study 4 – Environmental Science (undergrad) Study 5 – Cell and Molecular Biology (undergrad) Study 6 – The Teacher and the Sch. Curriculum (ETEEAP) Study 7 – Genetics Laboratory (undergrad) Study 8 – Research in Teaching (undergrad) Study 9 – Molecular Biology and Biotechnology (graduate sch) Study 10 – Advanced Genetics and Evolution (graduate sch)	Jun S. Camara (PL), R. Ahmad Zaky El Islami, Dickson Adom, Maricris Sison, Adrian Eusyle V. Gutoman, Cynthia P. Lopez, Vi Briza Guarin, Aris Cajjigal, Christy Ann M. Rahon, Gemark S. Rosete, Jimmy G. Catanes, Ritchie G. Macalanda, Joel T. Cayabyab	12	Jan, 2023	Dec, 2023	Open and Flexible Education	10,000.00 10,000.00 10,000.00 10,000.00 10,000.00 10,000.00 10,000.00 10,000.00 10,000.00 10,000.00
Lingayen	History of Salt and Its Industry in Pangasinan and in the Philippines	Jun S. Camara (L), Dickson Adom, Cynthia P. Lopez and Members of the Center for Pangasinan Studies	12	Jan, 2023	Dec, 2023	Open and Flexible Education	10,000.00
Lingayen	Online and Self-Directed Learning Readiness Among Hospitality and Tourism College Students in Pangasinan State University and Industry Professionals in Lingayen Pangasinan	Randel O. Cardinoza (SL), Senando Evangelista	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Lingayen	Aftermath of COVID19 Pandemic on the Students of Pangasinan State University: Basis for the Institutional Learning Recovery Program	Christian Thom F. Tabisola (SL), Karen Estira, Ma. Jasmine De Guzman	12	Jan, 2023	Dec, 2023	Open and Flexible Education	10,000.00
Lingayen	Project: Acceptability, Effectiveness and Marketability of the PSU-registered Educational Card and Board Games Study 1 – Acceptability and Effectiveness of the Dyo Grammata Game in Vocabulary Enhancement of BSEd English Students	Potenciano D. Conte, Jr., John Michael S. Salazar, Caren Ventayen, Leo Calingasan, Hezekiah M. Austria, Jelson Ugalde,	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00

	Study 2 – Acceptability of the E-3 Educational Board Game among Business Administration Students in Enhancing Appreciation to Business and Finance Study 3 – Acceptability of the Multi-Disciplinary (Board Game among BSEd Students of PSU Alaminos City Campus) Study 4 – Acceptability of the SAK-2 Card Game as Instructional Material among BEEed Future Teachers	Raymond Platon					5,000.00
							5,000.00
							5,000.00
Lingayen	Development of 3-in-1 Mobile Application Reviewers for Pangasinan State University	Dr. Ethel R. Chua Dr. Randy Joy M. Ventayen Dr. Elbert M. Galas	12	Jan, 2023	Dec, 2023	Open and Flexible Education	4,500.00
San Carlos	Degree of the Challenges Encountered in the Communication Skills of English Instructors in the Tertiary Level in San Carlos City	Rhenea Lizlie Viray	12	Jan, 2023	Dec, 2023	Open and Flexible Education	10,000.00
San Carlos	Integration of Life-Long Learning Thru Stenograohy to Barangay Officials in Brgy. Payapa, San Carlos City, Pangasinan	Reynante Rosal (SL)	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
San Carlos	A Comparative Analysis of Local and International on the job Training in Tourism and Hospitality Industry	Jessie Padlan (SL)	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
San Carlos	Digital Literacy and Teaching Competency of Public Schools' Elementary Teachers in Pangasinan	Jayson Salvatieera (SL)	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
San Carlos	The Impact of National Certificate on the Continued Learning: Career Opportunities of Graduates in PSU with NC Programs	Jessie Padlan (SL)	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
San Carlos	Metacognitive Awareness of Reading Strategies of Teacher Education Students at Pangasinan State University	Rea R. Tiangson (SL)	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
San Carlos	Analyzing the Significance of SEA TVET Exchange Students in Promoting Education at Pangasinan State University	Marmie R. Poquiz (SL)	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Sta Maria	Mathematical Word Problems and Reading Comprehension of Select Grade 7 Students in the Division of Pangasinan II	Eldimar Bacsal (SL)	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Sta. Maria	Challenges Faced by Indigenous Students of Pangasinan State University: Basis for Enhanced University Guidelines on Inclusive Education	Donna May Gavina	12	Jan, 2023	Dec, 2023	Open and Flexible Education	10,000.00
Sta. Maria	Linguistic Error Analysis on Undergraduates' Thesis Manuscripts	Anabelle Caser	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Sta. Maria	Learning Styles of PSU Sta. Maria Students in STS	Marleo B. Montenegro	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Urdaneta	Sports Analytics of Coaches of Higher Education Institutions in the Province of Pangasinan	Erwin Estrella	12	Jan, 2023	Dec, 2023	Open and Flexible Education	10,000.00
Urdaneta	Hyperhidrosis: Its Effects on Athletes' Performance	Erwin Estrella	12	Jan, 2023	Dec, 2023	Open and Flexible Education	10,000.00
Urdaneta	Lived Experiences of Teachers in Geographically Isolated and Disadvantaged Areas in San Nicolas, Pangasinan for Strategies Framework Development	Joan Elizabeth G. Ibay (SL), Elizabeth F. Episcopo, Mark John Q. Padilla, BJ R. Ambat	12	Jan, 2023	Dec, 2023	Open and Flexible Education	10,000.00

Urdaneta	Trend Survey of Local and ASEAN AEC Industry Competency Demands for Fresh Architecture Graduates and RLAs through Online Job Posting and On-The-Job Inquiries	Zaldy Corpus (SL)	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Urdaneta	Students' Perception of Research Writing: Basis for Syllabi Enhancement and Instructional Material Development	Marvin Corpus (SL)	12	Jan, 2023	Dec, 2023	Open and Flexible Education	2,000.00
Urdaneta	Lived Experiences of Teachers in Geographically Isolated and Disadvantaged Areas (GIDA) in San Nicolas, Pangasinan for Strategies Framework Development	Joan Elizabeth Ibay (SL)	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Urdaneta	Mapping and Documentation of Inscriptions and Current Physical Condition of Historical Markers in Cities of Pangasinan: An Input for Status Report and Public Awareness	Arlo Vincent Ranque (SL)	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
Urdaneta	Employers' Feedback on the Workplace Performance of Electrical Engineering Graduates from Pangasinan State University	Roy Flores (SL)	12	Jan, 2023	Dec, 2023	Open and Flexible Education	5,000.00
SAS	Dissemination and Utilization of Graduate Students' Research: A Retrospective Review	Razeale Resultay (SL)	12	Jan, 2023	Dec, 2023	Open and Flexible Education	10,000.00
SAS	Analysis of Defense Panel Recommendations: Basis for Policy Development in the School of Advanced Studies*	Armando D. Junio	12	Jan, 2023	Dec, 2023	Open and Flexible Education	10,000.00
SAS	Project: Proj. RIPE: Research Integration and Publication Education via an Elective Course in the School of Advanced Studies, Pangasinan State University Study 1 – Content Analysis of Publishable Outputs of Grad. Studs in 2020 Study 2 – Content Analysis of Publishable Outputs of Grad. Studs in 2021 Study 3 – Content Analysis of Publishable Outputs of Grad. Studs in 2022 Study 4 – Systematic Review on Grad Sch Curriculum in Region I Study 5 – Level of Competency of Grad Sch on Res Publication (Students) Study 6 – Level of Competency of Grad Sch on Res Publication (Faculty) Study 7 – Lived Experiences of PUMASA 1, 2 and 3 Batches Study 8 – Syllabus Dev't with Publication Mentors in Region I, Philippines Study 9 – Stakeholder's Acceptability of an Elective Course Study 10 – Issues and Challenges in the Course Training Implementation	Rosario DL Valencerina (PL), Jun S. Camara (Co) Gemma M. De Vera, Cristeta C. Dulos, Teddy M. Fernandez, R. Ahmad Zaky El Islami, Dickson Adom, Juan Primitivo P. Petrola Joel T. Cayabyab Paulo V. Cenas All College Deans and Chairpersons	12	Jan, 2023	Dec, 2023	Open and Flexible Education	10,000.00
							10,000.00
							10,000.00
							10,000.00
							10,000.00
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							10,000.00
							10,000.00
							10,000.00
SAS	Project: Proj. OOTD: Online Organization of Thesis and Dissertation	Gemma M. De Vera (PL), Jun S. Camara (Co),	12	Jan, 2023	Dec, 2023	Open and Flexible Education	

	Study 1 – Development of a Portal for Graduate Defense (MIS) Study 2 – Graduate Research Public Defense Primer Study 3 – Primer in Writing Thesis and Dissertation Study 4 – Exploring Qualitative and Quantitative Methodologies and Practices for Use in Graduate School Research in HEIs Study 5 – Primer in Writing Publishable Outputs Study 6 – Primer in Research Processes of Pangasinan State University	Rosario DL Valencerina, Juan Primitivo P. Petrola, Dickson Adom. R. Ahmad Zaky El Islami, Jimmy G. Catanes Joel T. Cayabyab Paulo V. Cenas Cristeta C. Dulos Reynaldo Gelido					50,000.00 10,000.00 10,000.00 10,000.00 10,000.00 10,000.00
OUS	Effectiveness of Open Distance e-Learning (ODEL) Strategies Utilized by Pangasinan State University – Open University Systems Professors	Phillip G. Queroda (SL), Romary G. Lincod, Erna M. Salazar, Cristie Marie C. Dalisay	12	Jan, 2023	Dec, 2023	Open and Flexible Education	10,000.00
OUS	Teaching Competency of Filipino EFL Teachers in the Southeast Asian Region*	Levi Jethro N. Balsa	12	Jan, 2023	Dec, 2023	Open and Flexible Education	10,000.00
OUS	Academic Performance of Bachelor of Elementary Education Students: a Comparative Study on Flexible and Face to Face Learning	Caren O. Ventayen	12	Jan, 2023	Dec, 2023	Open and Flexible Education	4,500.00
Total							1,290,000.00

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2023 RESEARCH PROPOSALS

Integrated Agriculture Research and Development Center (IARDC)

CAMPUS	TITLE OF THE STUDY	STUDY LEADER (SL) and Co-researcher(s)	DURATION (Months)	DATE TO START (Month, YEAR)	DATE TO COMPLETE (Month, YEAR)	University Agenda Addressed	Adjusted Budget
Binmaley	Viability of Cash Crop Production from Aquaponics Source from Downpour at Building Gutters	Rey S. Raguindin Roy C. Ferrer Arlene N. Mendoza Sotero M. Aban Olevel G. Salvador	12 Months	January, 2023	December, 2023	Technology Development	65,000.00
Infanta	Drench Application of Vermicompost tea for Improved <i>Moringa oleifera</i> Production in Infanta Pangasinan	Ronald Noma Dorothy Joy Noble Peter Bustamante Domingo Mores Wilma Noble Menchi Pagud Procerfina Vingua	12 Months	January, 2023	December, 2023	Technology Development	20,000.00
Infanta	Vegetative propagation with branch cuttings as a solution for the mass propagation of giant bamboo (<i>Dendrocalamus asper</i>) plantation	Wilma S. Noble Ronald Noma Dorothy Joy Noble Geraldine Lapurga	12 Months	January, 2023	December, 2023	Technology Development	22,000.00
San Carlos	Breeding Soundness Evaluation, Libido Assessment, and Reproduction Enhancement of Inactive/Non-performing PCC Bulls Entrusted to Farmer Cooperators in Region I	Lester Arandia Shyna Mae Yadao Renee Christopher Cacho Jennifer Gangan	12 Months	January, 2023	December, 2023	Technology Development	12,000.00
San Carlos	Indigenous Plants as Anti-Parasitic Control against Parasites in Small Ruminants	Lester B. Arandia Jennifer E. Gangan Balbina R. Gutierrez Shyna May P. Yadao	12 Months	January, 2023	December, 2023	Technology Development	30,000.00

		Nick C. Caiga Oliver C. Caasi Renee Christopher Cacho					
Sta. Maria	Prevalence of Gastrointestinal Helminthic Infection of Cattle and the Associated Deworming Program and Drugs Used by Owners in Sta.Maria, Pangasinan	Renee Christopher Cacho Kristine Vingua, Mark Argyll Tambaoan	12 Months	January, 2023	December, 2023	Technology Development	10,000.00
Sta. Maria	Development of Liquid Bar and Soap	Marry Rose Callorina Justice Lery Roderos Kristine Quilausing Jun Marc Gumapos	12 Months	January, 2023	December, 2023	Technology Development	10,500.00
Sta. Maria	Improving grain yield and quality and prevention of pests and diseases in upland rice using drip irrigation and biodegradable film mulch	Oliver C. Caasi, Fawibe Oluwasegun Ricardo Garcia Ronel Ali Omolida Romeo Ancheta	12 Months	January, 2023	December, 2023	Governance And Policy	370,832.00
Sta. Maria	Applying Strategic Environmental Assessment (SEA) Approach on PSU Sta. Maria Agricultural Programs and Projects Implemented to the Community	Elisa Della Cesar Della Rey Marquez	12 Months	January, 2023	December, 2023	Technology Development	10,000.00
Sta. Maria	MALUNGAY (<i>Moringa oleifera</i> Lam) and MAKABUHAY (<i>Tinospora rumphii</i> Boerl) SYRUP FOR GASTRO INTESTINAL HELMINTHS OF NATIVE CHICKEN and MUSCOVY DUCK	Elmer C. Vingua, Rheyste M. Nicolas, Oliver C. Caasi, Kristine V. Quilausing	12 Months	January, 2023	December, 2023	Technology Development	20,000.00
Sta. Maria	Science and Technology-Based Production of Small and Large Ruminants in Pangasinan (Year 1) Study 1: Growth Performance of Goat Supplemented with Urea Mineral Moringa Pellets (UMMP) Study 2: Growth Performance of Cattle Supplemented with Urea Mineral Moringa Pellets (UMMP)	Elmer C. Vingua Renee Christopher C. Cacho	12 Months	January, 2023	December, 2023	Technology Development	75,000.00 75,000.00
Sta. Maria	Bamboo as feed additive for chicken	Renee Christopher C. Cacho Elmer C. Vingua Rheyste M. Nicolas	12 Months	January, 2023	December, 2023	Technology Development	10,000.00
Sta. Maria	Program: Developing Sustainable Agricultural Production Systems in Climate Change-Vulnerable Areas of Pangasinan	Cesar G. Della -Program Leader Ma Elizabeth S. Della Elisa S. Della – Project Leader	12 Months	January, 2023	December, 2023	Technology Development	

	<p>Project 1. An economic analysis of indigenous knowledge on climate change in vulnerable areas in the agriculture and fishery sectors in Pangasinan</p> <p>Project 3. Organic Rice, Corn, Eggplant, Tomato and Bitter Gourd for Improving Soil and Reducing Greenhouse Gas (GHG) Emissions</p> <p>Project 4. Developing Cost-Effective and Friendly Pests and Disease Management Strategies of Rice, Corn, High Value vegetable Crops under Resilient Agriculture</p>	<p>Mr. Kristian Parica Prima R. Silvestre Florita D. Balansay Oliver C. Caasi BEE Faculty Members</p>				<p>Nature, Disaster, and Environment Management</p>	<p>32,000.00</p> <p>31,500.00</p> <p>31,500.00</p>
Total							826,332.00

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2023 RESEARCH PROPOSALS

Center for Hydrology, Aquamarine, Natural and Ocean Sciences (CHANOS)

CAMPUS	TITLE OF THE STUDY	STUDY LEADER (SL) and Co-researcher(s)	DURATION (Months)	DATE TO START (Month, Year)	DATE TO COMPLETE (Month, Year)	University Agenda Addressed	BUDGET (Php)
Binmaley	Farming of High Value Fish Species (Pompano (<i>Trachinotus</i>), Grouper (Epinephelinae), Trevally (<i>Caranx ignobilis</i>), and Mangrove Red Snapper (<i>Lutjanus argentimaculatus</i>) in Pangasinan	Cornelia E. Ibarra Sotero M. Aban Jomar DV. Parana	12	January 2023	December 2023	Technology Development	50,000.00
Binmaley	Mangrove Crab (<i>Scylla serrata</i>) Fattening Using Plastic Gallons Fed with Different Natural Feeds	Geronimo R. Rosario Ricardo A. De Guzman Jomar DV. Parana Isaiah Diza	12	January 2023	December 2023	Technology Development	30,000.00
Binmaley	Sensory Evaluation And Development Of Fish Longganisa With Herbs Using <i>Sarotherodon Melanotheron</i> Meat And Waste Utilization	Jennie B. Fernandez Sotero M, Aban Lorena F. Aquino Jomar DV. Parana Geronimo R. Rosario Ricardo A. De Guzman Emmanuel Federico C. Capinpin Jr. Raul V. Dela Pena Cornelia E. Ibarra Nerda De Vera	12	January 2023	December 2023	Technology Development	30,000.00

Binmaley	Morphometric analyses of <i>Geloina expansa</i> (Mousson 1849) (Bivalvia: Cyrenidae) populations in Luzon, Philippines	Francis Albert T. Argente Emmanuel Federico C. Capinpin, Jr. Raul V. Dela Pena	12	January 2023	December 2023	Technology Development	50,000.00
Binmaley	Vulnerability to Climate Change of Beach Seine Fishery in Binmaley, Pangasinan	Geronimo R. Rosario Lorena F. Aquino Dancshiel Genre Dean B. Ramos Jamela Bautista	12	January 2023	December 2023	Technology Development	25,000.00
Binmaley	Growth of Single and Clustered Oysters Grown in Hanging Plastic Trays and Hanging Net Pockets in an Oyster Growing Bed in Alaminos City, Pangasinan	Emmanuel Federico C. Capinpin, Jr. Ricardo A. De Guzman Sotero M. Aban Cornelia E. Ibarra Raul V. Dela Peña Jomar DV. Parana Isaiah Diza Jomark DV. Parana	12	January 2023	December 2023	Technology Development	25,000.00
Alaminos	Exploring the Bani Tree Potentials: Phytochemical and Antibacterial Analysis, Economic and Business Benefits Study 1. Phytochemical and Antibacterial Analysis of Bani Tree Leaves, Flowers, Fruits, Stem/ Trunk and Roots	Potenciano D, Conte, Jr Jocelyn De Vera	12	January 2023	December 2023	Technology Development	50,000.00
Binmaley	Culture of abalone <i>Haliotis asinina</i> juveniles fed with red alga (<i>Hydropuntia edulis</i>) in PVC pipes set in an intertidal area in Carot, Anda, Pangasinan	Emmanuel Federico C. Capinpin, Jr. Francis Albert T. Argente Jomark DV. Parana	12	January 2023	December 2023	Technology Development	50,000.00
Lingayen	Microplastics of Cultured Oysters in Anda and Alaminos City Study 1: Qualitative and Quantitative Analysis in Anda Study 2: Qualitative and Quantitative Analysis in Alaminos City	Jun S. Camara John Rommel T. Retuya Biology Instructors of PSU Lingayen	12	January 2023	December 2023	Technology Development	40,000.00 40,000.00

	Growth Performance and Survival Rate of Giant Freshwater Prawn (<i>Macrobrachium rosenbergii</i>) Fed with Different Levels of Black Soldier Fly (<i>Hermetia illucens</i>) Meal	Sotero M. Aban Cornelia Ibarra Jennie B. Fernandez Raul V. Dela Pena	12	January 2023	December 2023	Technology Development	50,000.00
Binmaley	Occurrence, characteristics and abundance of microplastic in the Salt Industry and Marine Water Source in Pangasinan	Sotero M. Aban Raul V. Dela Peña Ricky A. De Guzman Jennie B. Fernandez	12	January 2023	December 2023	Technology Development	82,489.00
Binmaley	Project: Green Mussel (<i>Perna viridis</i>) Farming in Pangasinan Study 1. Value Chain Analysis of Green Mussel Farming in Pangasinan Study 2. Attitudes and Aspirations of Green Mussel Farmers Towards Green Mussel Farming	Cornelia E. Ibarra Sotero M. Aban Ricardo A. De Guzman Raul V. Dela Peña	12	January 2023	December 2023	Technology Development	15,000.00 15,000.00
Binmaley	PSU Organic Aquaculture Technology: Developing a Safer Food for a Healthier Society and Environment	Ricardo A. De Guzman Emmanuel Federico C. Capinpin Jr. Jennie B. Fernandez Roy C. Ferrer Sotero M. Aban Jomar DV. Parana Jamela Bautista	12	January 2023	December 2023	Technology Development	30,000.00
Binmaley	Refining PSU-BC Mangrove Hatchery/Nursery Technology	Ricardo A. De Guzman Emmanuel Federico C. Capinpin Jr. Jennie B. Fernandez Fedelito Doria Benjamin Sareno Jamela Bautista Jomar DV. Parana	12	January 2023	December 2023	Technology Development	30,000.00
Binmaley	Mentoring and Monitoring of the PSU-BC Assisted Resource Management Projects of the selected Coastal Municipalities in Pangasinan	Irene A. De Vera Roy C. Ferrer Jennie B. Fernandez Ricky A. De Guzman Raul V. Dela Peña Analyn Diola Francis Albert T. Argente	12	January 2023	December 2023	Technology Development	30,000.00

Binmaley	Mangrove Crab (<i>Scylla serrata</i>) Fattening Using Plastic Gallons Fed with Different Natural Feeds	Geronimo R. Rosario Ricardo A. De Guzman Jomar DV Parana Isaiah Diza	12	January 2023	December 2023	Technology Development	25,000.00
Total							667,489.00

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2023 RESEARCH PROPOSALS

Food Innovation Center (FIC)

CAMPUS	TITLE OF THE STUDY	STUDY LEADER (SL) and Co-researcher(s)	DURATION (Months)	DATE TO START (Month, Year)	DATE TO COMPLETE (Month, Year)	University Agenda Addressed	BUDGET (Php)
Asingan	Antioxidant Activity, Toxicity and Microbial Safety of spray dried Calabash (<i>Crescentia cujete</i>) powder	Dr. Honelly Mae Cascolan (SL) 1) Engr. Dandelo Laroco 2) Mr. Ricardo Velasco	12 months	January 2023	December 2023	Foods	73,000.00
Asingan	Development of Squid Jerky Flakes with Moringa Powder	Mr. Genesis Padilla (SL) 1) Mr. Christian Garret Aquino 2) Ms. Marry Ann Soberano 3) Ms. Mhean Turingan 4) Ms. Analyn Diola	12 months	January 2023	December 2023	Foods	20,000.00
Bayambang	Food Safety And Handling Practices Of Vendors In Pangasinan	Ms. Sherlyn Platon 1) Ms. Charissa De Vera 2) Mr. Felcris Dy 3) Mr. Wilbert Rosario	12 months	January 2023	December 2023	Foods	20,000.00
Bayambang	Project Title: Market Study Of Convenient, Ready To Eat (Rte) Nutritious Food Pouches In Region 1 Study 1:Market Study Of Bangus Sardines Variation In Retortable Pouches Study 2: Marketability Of Water Retort Shelf Stable Sweet (Kakanin) Snack Foods Study 3: Creation Of Market Ads And Package Of Technology (Pot) Of Nutritious Food Pouches	Dr. Ghana Cahatol 1) Dr. Wilma De Vera 2) Mr. Felcris Dy 3) Mr. Veronica Austria	12 months	January 2023	December 2023	Foods	40,000.00 40,000.00 40,000.00
Bayambang	Project Title: Upgrading The Production Of Ready To Eat Fish Products And Vegetable-Based Soup Pouches As Convenient Foods. STUDY 1: Development Of Ready To Eat (Rte) Fish Sardine Variations In Retortable Pouches	Dr. Wilma De Vera Ann Marjorie Del Monte 2.)Ricardo Velasco 3.)Roseanne Jane Agustin-Cera	12 months	January 2023	December 2023	Foods	30,000.00

	STUDY 2: Optimum Water Immersion Retort Processing Of Ready-To Eat Vegetable-Based Soup In Pouches						29,000.00
	STUDY 3: Preparation Of Package Of Technology (Pot) And Instructional Educational Communication (Iec) Of Matured Product Of Food Innovation Center						29,000.00
Bayambang	UPGRADING OF D.A. PRODUCTS FOR ADOPTION AND COMMERCIALIZATION (Mungbean Milk, Squash Pesto Sauce, Vacuum Fried Shallots, Vacuum Fried Squash, Cabinet Dried Shallots, Pickled Eggplant, Eggplant Dip and Squash Powder)	Dr. Wilma De Vera 1.) John Joseph Zarate 2.) Ricardo C. Velasco 3.) Ann Marjorie Del Monte	12 months	January 2023	December 2023	Foods	86,000.00
Infanta	Development of Cashew as Jam	Ms. Mary Joy Cacho 1) Mr. Cedric Almandres 2) Ms. Trisha Decena 3) Mr. Jansen Campos 4) Mr. Ronald Noma	12 months	January 2023	December 2023	Foods	15,000.00
Infanta	Development of Seaweed Flavored Ice Cream	Mr. Jomar Mangapot 1) Dr. Ian Evangelista 2) Dr. Rosanna Gonzales 3) Mr. Erwin Ortiz 4) Mrs. Menchie Pagud 5) Ms. Mary Joy Cacho	12 months	January 2023	December 2023	Foods	20,000.00
Lingayen	Project on Nypa Fruitican Fruit beverages	Dr. Catalina Platon Mr. Klaus Meine Ocampo Mr. Raymond Platon Ms. Sherlyn Platon	12 months	January 2023	December 2023	Foods	
	Study 1: Phytochemical Analysis of Young and Mature Nypa Fruitican Fruit						7,000.00
	Study 2: Development of Nypa Fruitican bean Coffee and Tea with Cost Evaluation and Promotion						6,500.00
	Study 3: Acceptability on Health Benefits, Cost Evaluation and Promotion of the Developed Nypa Fruitican Beverages						6,500.00
Lingayen	A PROJECT CHARACTERIZATION OF (Pouteria campechiana) CANISTEL CHEESECAKE : A GLUTEN-FREE CAKE	Dr. Mondey May Fernandez 1) Mrs. Genelyn Tersona	12 months	January 2023	December 2023	Foods	
	STUDY 1: Product Development of Canistel (Pouteria campechiana) Gum						9,000.00
	STUDY 2: Acceptability of Canistel (Pouteria campechiana) Cheesecake						9,000.00

	STUDY 3. Physio-Chemical of Canistel (Pouteria campechiana) Cheesecake A Gluten Free Cake						9,000.00
	STUDY 4: IEC Development Canistel (Pouteria campechiana) Cheesecake : A Gluten Free Cake						9,000.00
Lingayen	Mung Bean (Vigna radiata L.) Flour in Making Waffle: Pre-Mix Waffle STUDY 1: Product development of mung bean flour in making waffle: Pre-Mix Waffle – STUDY 2: Acceptability of mung bean flour in making waffle: Pre-Mix Waffle – STUDY 3. Microbial and nutrient analysis of mung bean flour in making waffle: Pre-Mix Waffle – STUDY 4: Cost Analysis of mung bean flour in making waffle: Pre-Mix Waffle –	PROJECT LEADER: Geraldine M. Nineza 1.) Jobelle Navarro 2.) Helen Viray 3.) Jameson Estrada 4) Ms. Pol Johanna Celistino 5.) Mr. Raymond Platon	12 months	January 2023	December 2023	Foods	6,250.00 6,250.00 6,250.00 6,250.00
Lingayen	Acceptability of Instant Creamed Mungbean-Rice Porridge Study 1: Standardization of Creamed Mungbean-Rice Porridge Study 2: Acceptability of Instant Creamed Mungbean-Rice Porridge Study 3: Microbial and Nutrient Analysis of Instant Creamed Mungbean-Rice Porridge	Ms. Helen Viray 1) Ms. Jobelle Navarro 2) Ms. Geraldine Nineza 3) Dr. Catalina Platon 4) Ms. Pol Johanna Celistino	12 months	January 2023	December 2023	Foods	12,000.00 12,000.00 12,000.00
Lingayen	Shelf life Evaluation of Salted Duck Eggs Using Brine Solution	Ms. Jobelle Navarro 1) Ms. Helen Viray 2) Ms. Geraldine Nineza 3) Dr. Potenciano Conte	12 months	January 2023	December 2023	Foods	20,000.00
Lingayen	Development of Banana (Musa Acuminata) - Moringa (Moringa oleifera) Salsa	Ms. Sunshine Umayam 1) Ms. Maria Virginia Fontanos 2) Ms. Lai Niella 3) Mr. Rexiah Noah Zareno 4) Mr. Francis Anthony Castillo 5) Ms. Charissa De Vera	12 months	January 2023	December 2023	Foods	20,000.00
San Carlos	Development of Malunggay (Moringga Oleifera) Based Products for Health and Nutrition Study 1: Milkfish Premium Longanisa, Study 2: Tilapia Classic Longanisa Study 3: Pickled Smoked Salmon	Dr. Marmie Poquiz 1) Dr. April Abalos	12 months	January 2023	December 2023	Foods	7,000.00 6,500.00 6,500.00

San Carlos	Preservation of Salted Duck Egg Using Nipa Vinegar And Pangasinan's Finest Salt	Dr. Marmie Poquiz 1) Mr. Charlie Benavidez 2) Dr. April Abalos 3) Mr. Reynald Gloria 4) Mr. Marjade Ferrer 5) Mr. Melvin Patrick Vila	12 months	January 2023	December 2023	Foods	8,000.00
Sta. Maria	DEVELOPMENT OF MORINGA KROPEK 1.)Development of Moringa and Milkfish Kropek 2.) Development of Moringa and Shrimp Kropek	Mr. Justice Lerry Roderos Ms. Marry Rose Callorina Ms. Kristine Quilausing	12 months	January 2023	December 2023	Foods	6,000.00 5,294.00
Total							638,294.00

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2023 RESEARCH PROPOSALS

Machine Automation and Technology Innovation Center (MATIC)

CAMPUS	TITLE OF THE STUDY	STUDY LEADER (SL) and Co-researcher(s)	DURATION (Months)	DATE TO START (Month, Year)	DATE TO COMPLETE (Month, Year)	University Agenda Addressed	BUDGET (Php)
Asingan	Design and development of brine concentrator for salt farming	Eric A. Cunanan Analyn I. Diola	12 Months	January, 2023	December, 2023	Technology Development	18,957.39
Asingan	Development of Mobile App Learning Game in Teaching Computer Subjects	Jb o. Doria, Elbert M. Galas, Patrick Tarlit, Ma. Jo Ann Ventura, Xander Faustino, Wennalyn Honrado	12 Months	January, 2023	December, 2023	Technology Development	18,957.39
Asingan	The design, fabrication, and evaluation of Solar-Powered Electric Dehydrator (SPED) for food preservation	Eric A. Cunanan, Carlos G. Castillo, Jerry Aclera, Julie Mendijar Agpaoa, Christian Garret F. Aquino, Analyn I. Diola, Napoleon V. Esperon, Genesis A. Padilla, Mhean T. Turingan, Marry Ann E. Soberano	12 Months	January, 2023	December, 2023	Technology Development	18,957.39
Binmaley	Development of Web-based Online Scholarship Management System for Pangasinan State University	Kurt Philip Danlog, Raychard Platon, Christian Paul Cruz	12 Months	January, 2023	December, 2023	Technology Development	11,374.43
Infanta	Technology Entry in Local Micro Business: Input to Basic Accounting Policy Making in the Philippines (First Phase)	Narciso Martin, Ian Evangelista, Kurt Philip Danlog, Lemuel Ventayen	12 Months	January, 2023	December, 2023	Technology Development	13,270.17

Lingayen	Project on Digitization of IMBAS among Selected HEI's in Pangasinan (Project with 3 Studies) Study 1: Acceptability of the Device Among Selected HEI's in Pangasinan Study 2: Development of IEC materials on the Use of Digitized IMBAS and Packaging Study 3: Utilization of the Digitized IMBAS Among Target Clientelle (Extension component)	Catalina Platon (Project Leader) Study 1: QUEENY ANNE APIL (SL), Naomi Rebong, Sherlyn Platon Study 2: Raymond Platon (SL) Study 3: Wilbert Rosario (SL), Catalina Platon, Queeny Anne Apil, Naomi Rebong	12 Months	January, 2023	December, 2023	Technology Development	9,478.69 9,478.69 7,582.95
Lingayen	Development of Laptop Charger with USB Ports for Blended Works / Classes Arrangement Among Students and Employees of Pangasinan State University	Corlito Cruz	12 Months	January, 2023	December, 2023	Technology Development	2,464.46
Urdaneta	College Of Engineering and Architecture Data Server	Kenneth Oliver Lopez, Feviclene Villamor Rex Basuel	12 Months	January, 2023	December, 2023	Technology Development	43,918.01
Urdaneta	School of Advanced Studies Data Server	Kenneth Oliver Lopez	12 Months	January, 2023	December, 2023	Technology Development	22,870.00
Urdaneta	Development of Adjustable Hot Air-assisted Brine Solidifier	Rex Basuel Jay Ar Pentecostes	12 Months	January, 2023	December, 2023	Technology Development	28,436.08
Urdaneta	Improving the Process of Salt Production in the Province of Pangasinan	Harry Alan Errasquin	12 Months	January, 2023	December, 2023	Technology Development	132,701.70
Urdaneta	Design of Fuel-Efficient Sea Salt Furnace	Danmer Donor Ryndell Casem Jeffrey Muyargas Wyerlo Alcantara Jelz Genosas Marilou Fernandez Rex Basuel	12 Months	January, 2023	December, 2023	Technology Development	94,786.93

Urdaneta	Design and fabrication of Salt drying and iodizing machine	Socrates Nacis Danmer Donor Rodel Hacla Daisy Agpawa Jerome Patilla	12 Months	January, 2023	December, 2023	Technology Development	75,829.54
Sta Maria	Field Testing, Evaluation, and Technology Transfer of ABE Development Machines	Freddie L. Ramos	12 Months	January, 2023	December, 2023	Technology Development	36,966.90
Sta Maria	Development of HVC Processing Systems	Roselyn B. Villacorte	12 Months	January, 2023	December, 2023	Technology Development	167,962.43
Total							3,766,306.00

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2023 RESEARCH PROPOSALS

Center for Statistics and Computing Sciences (CSCS)

CAMPUS	TITLE OF THE STUDY	STUDY LEADER (SL) and Co-researcher(s)	DURATION (Months)	DATE TO START (Month, Year)	DATE TO COMPLETE (Month, Year)	University Agenda Addressed	BUDGET (Php)
Alaminos City	Project Title: Discovering Mathematics Patterns on Moringga Oleifera: A Predictive Analysis for Productivity	Dr. Melody De Vera Fidel Racuya Baby-Lyn Balgua	12 Months	January, 2023	December, 2023	Technology Development	12,000.00
Alaminos City	STEM Freshmen Students' Retention on Flexible Learning at an ASEAN State University: A Survival Analysis	Mr. Gerald Navida Dr. Melody De Vera	12 Months	January, 2023	December, 2023	Technology Development	13,000.00
Asingan	Disaster Information Bulletin with Crime Reporting Application	Mr. Patrick Tarlit Wenna Lyn Honrado Ms. Ma Jo Ann Ventura JB Doria	12 Months	January, 2023	December, 2023	Technology Development	12,000.00
Asingan	IsukatMo: Waste Recovery Trading Application	Mr. Patrick Tarlit Ma Jo Ann Ventura JB Doria Wenna Lyn Honrado	12 Months	January, 2023	December, 2023	Technology Development	12,000.00
Binmaley	Morale and Productivity of the Barangay Tanods Amid Covid-19 Pandemic in the 3 Municipalities of Pangasinan	Jan Michael A. Fernandez Saylee M. Honrado Gina S. Millamina Cheryl A. De Castro Danschiel Genre Dean B. Ramos	12 Months	January, 2023	December, 2023	Technology Development	10,000.00

Lingayen	Skills Characterization of the Graduates of Migrated Programs BSE-TLE to BTLEd and BTTE to BTVTEd of PSU Lingayen Campus	Amelita De Vera Frederick Patacsil	12 Months	January, 2023	December, 2023	Technology Development	12,000.00
Urdaneta City	Assessment of Foundational Mathematics Knowledge of BS in Mathematics Students: Basis for Implementation of a Specialized Admission Test, Intervention Measures, and Exit Examinations	Andhee Jacobe Joanna Marie Delos Santos	12 Months	January, 2023	December, 2023	Technology Development	5,000.00
Urdaneta City	Predicting Students' Academic Success using Double Ensemble Model	Jennifer Parrone Frederick Patacsil Bobby Roaring Rema Nacis	12 Months	January, 2023	December, 2023	Technology Development	25,000.00
Urdaneta City	On Trends and Domains of PSU – SAS Research: A Topic Modeling and Agenda Mapping	Andhee Jacobe Bobby Roaring Daniel Bezalel Garcia	12 Months	January, 2023	December, 2023	Technology Development	20,000.00
Urdaneta City	Forecasting Number of Enrollees and Analyzing the Student Flow of BS Mathematics Program of Pangasinan State University - Urdaneta City Campus	Mark John Mangsat Daniel Bezalel Garcia	12 Months	January, 2023	December, 2023	Technology Development	5,000.00
Urdaneta City	Development of Research/Extension Project Monitoring System for Pangasinan State University	Arni-Rie Tamayo Christine Lourrine Tablatin Leo Gabriel Villanueva Rhenel Bernisca	12 Months	January, 2023	December, 2023	Technology Development	42,102.27
Urdaneta City	Graduate Attributes and Needed Industry Skills of Philippine and Vietnam IT Graduates: Basis for Internationalization of Curriculum	Christine Lourrine Tablatin Elbert Galas Michael Acosta Bobby Roaring Frederick Patacsil	12 Months	January, 2023	December, 2023	Technology Development	40,000.00
Urdaneta City	Exploring the Importance of Soft and Hard Skills as Perceived by IT Internship Students and Industry in Southeast Asia: A Gap Analysis	Daniel Bezalel Garcia Christine Lourrine Tablatin Frederick Patacsil Bobby Roaring Jennifer Parrone Elbert Galas	12 Months	January, 2023	December, 2023	Technology Development	25,000.00

Urdaneta City	Employability Factors of Southeast Asian University Graduates: An Exploratory Study on Vietnam and Philippine Experiences	Andhee Jacobe Frederick Patacsil Marvin Merlin Michael Acosta Daniel Bezalel Garcia Leo Gabriel Villanueva	12 Months	January, 2023	December, 2023	Technology Development	35,000.00
Urdaneta City	Skills Characterization of the Graduates of Migrated Programs BSE-TLE to BTLEd and BTTE to BTVTEd of PSU Lingayen Campus AY 2018-2022 : A Skill Needs Analysis	Frederick Patacsil Amelita De Vera	12 Months	January, 2023	December, 2023	Technology Development	15,000.00
Urdaneta City	Predicting BTLED and BTVTEd important Skill Needs from CT's Feedback applying Machine Learning Algorithms : Basis for Curricula Enhancement	Frederick Patacsil Amelita De Vera	12 Months	January, 2023	December, 2023	Technology Development	20,000.00
Urdaneta City	Analyzing Graduates' Feedback Data using Sentiment Analysis and Topic Modelling Approach	Bobby F. Roaring	12 Months	January, 2023	December, 2023	Technology Development	13,000.00
Total							316,102.27

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2023 RESEARCH PROPOSALS

Data Analytics Center (DAC)

CAMPUS	TITLE OF THE STUDY	STUDY LEADER (SL) and Co-researcher(s)	DURATION (Months)	DATE TO START (Month, Year)	DATE TO COMPLETE (Month, Year)	University Agenda Addressed	BUDGET (Php)
Alaminos City	Level of Cyber Risk awareness among adopted barangays of PSU-ACC for the development of extension activity	Mr. Raychard Platon et.al.	12 Months	January, 2023	December, 2023	Technology Development	10,000.00
Alaminos City	ICT Advancements on Tourism Website in Dasol, Pangasinan	Mr. Christian Paul Cruz et.al	12 Months	January, 2023	December, 2023	Technology Development	10,000.00
Bayambang	Detecting Netizen's Emotions towards Duterte Administration through Multilayer Perceptron Neural Network Model	Mr. Matthew John Sino Cruz	12 Months	January, 2023	December, 2023	Technology Development	10,000.00
Bayambang	Effects of Digital Tools on Students' Mathematics Problem-Solving Skills: A Systematic Review and Meta-Analysis	Dr. Arlene Mendoza	12 Months	January, 2023	December, 2023	Technology Development	10,000.00
Bayambang	Real-time Remote Water Quality Monitoring System Using Wireless Sensors Powered By Solar Panel Via GSM Data Transfer With Decision Support	Mr. Edilberto L. Caralos Jr. Dr. Joseph B. Campit Dr. Elbert M. Galas	12 Months	January, 2023	December, 2023	Technology Development	99,000.00
Bayambang	IOT Based Emergency Response On Incident Reporting System	Mr. Edilberto L. Caralos Jr. Dr. Joseph B. Campit Mr. Michael Ryan C. Peoro Dr. Elbert M. Galas Mr. Kim Eric Nanlabi	12 Months	January, 2023	December, 2023	Technology Development	74,300.80
Lingayen	Development of Workplace Burnout Inventory	Ms. Beverly Fernandez	12 Months	January, 2023	December, 2023	Technology Development	15,000.00
Lingayen	Development of Academic Burnout Inventory	Ms. Beverly Fernandez Ms. April A. Santos	12 Months	January, 2023	December, 2023	Technology Development	15,000.00

Lingayen	Development of Non-Verbal Intelligence Test	Ms. Beverly Fernandez	12 Months	January, 2023	December, 2023	Technology Development	30,000.00
San Carlos City	Student Relationship Management Framework for Pangasinan State University San Carlos	Dr. Christian Dela Cruz	12 Months	January, 2023	December, 2023	Technology Development	5,000.00
San Carlos City	Customer Service Satisfaction Rating Application for Pangasinan State University San Carlos	Dr. Christian Dela Cruz	12 Months	January, 2023	December, 2023	Technology Development	10,000.00
Urdaneta City	Enhancing the Reusable Sentiment Analysis Tool for Machine Learning and Visualization	Dr. Caren Pacol	12 Months	January, 2023	December, 2023	Technology Development	5,000.00
Urdaneta City	(Project) Employment Profile and Academic Competencies of BSIT Graduates of PSU-Urdaneta City Campus: A Use of Text Analytics (Study 1) Tracer Study of the BS IT Graduates of PSU-Urdaneta City Campus from 2017-2021 (Study 2) Skills Gap Analysis between IT Graduates' Competencies and Industry Needs using Text Analytics	Dr. Frederick Patacsil Mr. Arni-rie Tamayo Mr. Michael E. Acosta	12 Months	January, 2023	December, 2023	Technology Development	15,000.00 15,000.00
Urdaneta City	Unraveling the Coping Strategies of Senior Faculty Members of PSU in New Normal Era using Sentiment Analysis	Mrs. Jennifer Parrone	12 Months	January, 2023	December, 2023	Technology Development	15,000.00
Urdaneta City	Barangay Information Management System	Ms. Kathleen Jane Esteves	12 Months	January, 2023	December, 2023	Technology Development	10,000.00
Urdaneta City	Latent Topics and Trends in Mathematics and Information Technology Research	Mr. Daniel Bezalel Garcia	12 Months	January, 2023	December, 2023	Technology Development	10,000.00
Urdaneta City	Software Development Practices of IT Industry in the Philippines and Vietnam	Mr. Arni-rie Tamayo	12 Months	January, 2023	December, 2023	Technology Development	30,000.00
Total							388,300.80



2023 RESEARCH PROPOSALS

Center for Business, Economics and Tourism (CBET)

CAMPUS	TITLE OF THE STUDY	STUDY LEADER (SL) and Co-researcher(s)	DURATION (Months)	DATE TO START (Month, Year)	DATE TO COMPLETE (Month, Year)	University Agenda Addressed	BUDGET (Php)
Alaminos City	Pangasinan State University (PSU) Foundation: A Feasibility Study	Dr. Potenciano Conte Jr.	12 Months	January, 2023	December, 2023	Economics Business & Marketing	2,078.60
Alaminos City	Project: Acceptability, Effectiveness and Marketability of the PSU-registered Educational Card and Board Games [Project]-- Marketability of the Educational Card and Board Games: SAK-2, E-3, High 5, Dyo Grammata and Multi-Disciplinary (Study for CBET) Project Leader: Dr. Potenciano D. Conte, Jr.	Study 1. Marketability of the Educational Card and Board Games: SAK-2, E-3, High 5, Dyo Grammata and Multi-Disciplinary Mr. Raychard Platon	12 Months	January, 2023	December, 2023	Economics Business & Marketing	7,819.49
	Acceptability and Effectiveness of the Dyo Grammata Game in Vocabulary Enhancement of BSEd English Students	Ms. Zarah Jane Anuddin (SL) Ms. Janice Carambas. Dr. Potenciano Conte Jr.	12 Months	January, 2023	December, 2023	Economics Business & Marketing	3,860.25

			Acceptability of the E-3 Educational Board Game among Business Administration Students in Enhancing Appreciation to Business and Finances	Dr. Potenciano Conte Jr. (SL) Dr. Frank A. Padlan Mr. Jefferson Ramos	12 Months	January, 2023	December, 2023	Economics Business & Marketing	3,860.25
			Acceptability of the Multi-Disciplinary (Board Game among BSEd Students of PSU Alaminos City Campus	Mr. Michael Salazar (SL) Dr. Potenciano D. Conte, Jr. Mr. Hezekiah M. Austria	12 Months	January, 2023	December, 2023	Economics Business & Marketing	3,860.25
			Acceptability of the SAK-2 Card Game as instructional material among BEEd Future Teachers	Dr. Caren Ventayen (SL) Dr. Potenciano Conte Jr.	12 Months	January, 2023	December, 2023	Economics Business & Marketing	3,860.25
Alaminos City	Research Program EXPLORING THE BANI TREE POTENTIALS: PHYTOCHEMICAL AND ANTIBACTERIAL ANALYSIS, ECONOMIC AND BUSINESS BENEFITS Program Leader: Dr. Potenciano D. Conte, Jr.	Research Project Phytochemical and Antibacterial Analysis of Bani Tree Leader: Dr. Jocelyn de Vera	Study1. Bioactivities of Bani Plant in Leaves Study2. Bioactivities of Bani Plant	Dr. Jocelyn de Vera (SL) Mr. Thomas Ponce Reyes Dr. Jocelyn de Vera (SL) Mr. Mark Anthony Doria	12 Months 12 Months	January, 2023 January, 2023	December, 2023 December, 2023	Economics Business & Marketing Economics Business & Marketing	11,877.70 11,877.70

			Study3. Bioactivities of Bani Plant in Trunk/Bark	Dr. Jocelyn de Vera (SL)	12 Months	January, 2023	December, 2023	Economics Business & Marketing	11,877.70
		Research Project Feasibility Study of Bani Tree Leaf, Flower Tea and other Utilization and Feasibility of Bani Tea Shop Leader: Dr. Potenciano D. Conte, Jr.	Study1. Feasibility Study of Bani Leaf Tea and other Utilization	Mrs. Pauleen Camba HM Faculty Mrs. Geraldine M. Nineza	12 Months	January, 2023	December, 2023	Economics Business & Marketing	2,969.43
			Study2. Feasibility Study of Bani Flower Tea and other Utilization	Mr. Alexis Cromuel Arandia Members: HM Faculty Mrs. Helen Viray	12 Months	January, 2023	December, 2023	Economics Business & Marketing	2,969.43
			Study3. Feasibility Study of Bani Tea Shop in Bani, Pangasinan	Dr. Potenciano Conte Jr. (SL) Mr. Frank Padlan Mr. Leo Calingasen Mr. Raymond Platon Ms. Maria Angelica Zacarias Ms. Shyeleen Nunez	12 Months	January, 2023	December, 2023	Economics Business & Marketing	3,959.23
Bayambang	Non-registered MSMEs: Missing the Dot			Dr. Roseanne Jane Agustin (SL) Dr. Gudelia Samson Dr. Nerinessa Santiago	12 Months	January, 2023	December, 2023	Economics Business & Marketing	10,392.99
Infanta	The Kto12 Philippine Graduates During Pandemic As Perceived by Emerging Industries			Dr. Narciso Martin (SL) Dr. Ian Evangelista Dr. Agerico Oboza	12 Months	January, 2023	December, 2023	Economics Business & Marketing	3,959.23

Infanta	Business Administration Program in Infanta Pangasinan: Its Opportunities, Perception, Projection, and Influence		Mr. Jomar Mangapot (SL) Dr. Ian Evangelista Dr. Narciso Martin	12 Months	January, 2023	December, 2023	Economics Business & Marketing	39,592.34
Lingayen	From The Industry Professionals' Perspective: Essential Information Technology (It) Skills For Bs Hospitality Management Graduates Of Pangasinan State University		Prof. Jerry Ceballos (SL) Mr. Jerry Diaz	12 Months	January, 2023	December, 2023	Economics Business & Marketing	6,136.81
Lingayen	GSERV Scale: Service Quality Assessment Of Selected Restaurants In Key Cities Of Pangasinan Province		Prof. Jerry Ceballos (SL) Ms. Josephine Rosales	12 Months	January, 2023	December, 2023	Economics Business &	6,136.81
Lingayen	The Socio-Economic Sustainability of Agritourism in Tarlac Province		Mr. Bernie Pioquinto	12 Months	January, 2023	December, 2023	Economics Business &	8,908.28
Lingayen	Influence Of Service Quality And Dining Atmosphere On Customer Satisfaction And Retention On Local Coffee Shop's In Pangasinan		Dr. Rricky Tim Sison (SL) Ms. Jessica James Paiso	12 Months	January, 2023	December, 2023	Economics Business & Marketing	6,136.81
Lingayen	<i>Research Project:</i> A Macro-Micro Economic Analysis on Financial Literacy <i>Project Leader: Mr. Jameson N. Estrada</i>	Study1. Financial Literacy and Economic Growth: How ASEAN countries are Faring?	Ms. Roselyn Villaruz (SL) Ms. Cheenie Rose Bermas	12 Months	January, 2023	December, 2023	Economics Business & Marketing	4,355.16
		Study2. Financial Literacy and the Need for Financial Education in the Philippines	Ms. Lea Sheraine Navarro (S) Dr. Potenciano D. Conte, Jr.	12 Months	January, 2023	December, 2023	Economics Business & Marketing	4,355.16
		Study3. Financial Knowledge, Behavior and Attitude of Faculty in Pangasinan State University	Dr. Erna Salazar (SL) Mr. Leo P. de Vera	12 Months	January, 2023	December, 2023	Economics Business & Marketing	4,355.16
		Study4. Financial Literacy Among College Students in Pangasinan State University	Mr. Francis Gerald Amansec	12 Months	January, 2023	December, 2023	Economics Business & Marketing	4,355.16
Lingayen	A Study of Financial Education Curriculum in Pangasinan State University		Mr. Jameson Estrada (SL) Ms. Lea Sheraine Navarro	12 Months	January, 2023	December, 2023	Economics Business & Marketing	4,355.16
Lingayen	Economics of Happiness in Pangasinan State University		Mr. Jameson Estrada	12 Months	January, 2023	December, 2023	Economics Business & Marketing	4,355.16

Lingayen	Change in High Schools, Organizations, and Indigenous Community's Economic and Financial Literacy (CHOICE): An Economic and Financial Literacy Extension Project	Jameson N. Estrada (Project) Lea Sheraine A. Navarro (Co-Ena M. Salazar (Proponent) Francis Gerald S. Amansec (F Cheenie Rose B. Bermas (Pr Leo P. De Vera (Proponent) Roselyn M. Villaruz (Proponer	12 Months	January, 2023	December, 2023	Economics Business & Marketing	19,796.17
Lingayen	Community Impact in the Business and Technology Operations of DZPS 101.3Mhz Pangasinan State University (PSU) Radio	Dr. Randy Joy Ventayen	12 Months	January, 2023	December, 2023	Economics Business & Marketing	500
Lingayen	Satisfaction in the Operations and Services of Pangasinan State University Golden Lion Hotel	Dr. Randy Joy Ventayen	12 Months	January, 2023	December, 2023	Economics Business & Marketing	1,000.00
Lingayen	Industry 4.0: Discovering Trends Through A Bibliometric Analysis from 2011 up to 2021	Dr. Randy Joy Ventayen	12 Months	January, 2023	December, 2023	Economics Business & Marketing	1,000.00
Lingayen	The Impact Of Servicescape On Tourists' Satisfaction And Behavioral Intentions Among Resorts In Pangasinan	Mr. Lencio Barlan (SL) Mrs. Christine Mae Barlan	12 Months	January, 2023	December, 2023	Economics Business & Marketing	9,898.09
Lingayen	Organizational Resiliency Framework For Restaurant Businesses In The Province Of Pangasinan	Mr. Lencio Barlan	12 Months	January, 2023	December, 2023	Economics Business &	9,898.09
Lingayen	Attributes of Tourism destinations affecting the tourist satisfaction and revisit intentions in the Case of Bolinao, Pangasinan	Mrs. Christine Mae Barlan	12 Months	January, 2023	December, 2023	Economics Business & Marketing	9,898.09
Lingayen	Assessment Of Salt Being Utilized By Water Filtration System Of Hotels And Restaurants In Lingayen, Pangasinan; Basis For Future Implementation	Dr. Rricky Tim Sison (SL) Dr. Mondey May Fernandez	12 Months	January, 2023	December, 2023	Economics Business & Marketing	9,898.09
Lingayen	Local Guests' Perception Of Green Practices Of Resorts In Bolinao	Ms. Jay-An Abalos	12 Months	January, 2023	December, 2023	Economics Business & Marketing	6,037.83

Lingayen	<i>Research Project: Enabling Progress and Sustainability through Energy Efficiency and Conservation in Pangasinan State University</i> <i>Leader: Dr. Teddy Fernandez</i>	Study1. Knowledge and Towards Energy Efficiency and Conservation Among Employees in Pangasinan State University	Dr. Teddy Fernandez	12 Months	January, 2023	December, 2023	Economics Business & Marketing	4,949.04
		Study2. Motivators and Energy Conservation Practices of Pangasinan State University	Mr. Great I Am W Gismundo	12 Months	January, 2023	December, 2023	Economics Business & Marketing	4,949.04
		Study3. Consumption and Cost of Energy in Pangasinan State University	Mr. Jameson Estrada	12 Months	January, 2023	December, 2023	Economics Business & Marketing	4,949.04
		Study4. Challenges and Compliance: Basis for the Development of Intervention Programs and Policies	Mr. Leo De Vera	12 Months	January, 2023	December, 2023	Economics Business & Marketing	4,949.04
Lingayen	Adaptive behaviors of businesses during the “New Normal”	Dr. Magnimydell Fernandez (S) Dr. Ma Rhodora Malicdem Dr. Rizza Baldonado Dr. Minerva Joy Pedralvez	12 Months	January, 2023	December, 2023	Economics Business & Marketing	3,959.23	
Lingayen	Electronic World of Mouth (Ewom): The Effect of Social Media on Customers’ Intention and Impact to Visit Casual Restaurants in Dagupan City	Jerry L. Ceballos Jr. Diocephine Aisa M. Cruz	12 Months	January, 2023	December, 2023	Economics Business & Marketing	5,641.91	
Lingayen	Food Safety and Sanitation of Selected Elementary Schools Canteens in Pangasinan	Dr. Rodelyn Mejia (SL) Ms. Cristine Mae Barlan Ms. Jay Ann Abalos	12 Months	January, 2023	December, 2023	Economics Business & Marketing	14,055.28	

Lingayen	Service Quality, Attributes and Sustainability of Restaurants in Lingayen, Pangasinan: Basis for Design and Adoption	Victor Bernal Jessica James Paiso Ricky Tim S. Sison Mondey Mae Fernandez Sonia V. Mangrobang Nieva N. Espinoza	12 Months	January, 2023	December, 2023	Economics Business & Marketing	26,328.91
Lingayen	Assessing of Salt Utilization for Water Refilling Station in Pangasinan	Victor B. Bernal	12 Months	January, 2023	December, 2023	Economics Business &	7,324.58
Lingayen	OTOP Entrepreneurial Program policy Framework of the Province of Pangasinan aligned with Industry 4.0	Dr. Christian Thom Tabisola	12 Months	January, 2023	December, 2023	Technology Development	1,979.62
Lingayen	Development And Economic Feasibility Of Bangus Binagoongan In Oil	Dr. Christian Thom Tabisola	12 Months	January, 2023	December, 2023	Economics Business &	1,979.62
Lingayen	Institutionalized Business operation Model of Pangasinan State University Technology Business Incubation	Dr. Christian Thom Tabisola	12 Months	January, 2023	December, 2023	Economics Business &	1,979.62
Lingayen	PSU Institutionalized Queuing Transaction For The Improvement Of Government Servicedelivery	Mr. Aurelie A. Perala Dr. Christian Thom Tabisola	12 Months	January, 2023	December, 2023	Economics Business & Marketing	1,979.62
Lingayen	PSU Institutional Cloud based Purchasing and Inventory System	Mr. Aurelie A. Perala Dr. Christian Thom Tabisola	12 Months	January, 2023	December, 2023	Economics Business & Marketing	3,959.23
San Carlos City	Assessment of Technology Driven Recruitment and Applicant Assessment Tool	Dr. And Julie Rosal (SL) Mr. Jofel John Lodriguito Mr. Dennis Mendoza	12 Months	January, 2023	December, 2023	Economics Business & Marketing	6,532.74
San Carlos City	A Study On The Ecotourism Of Western Municipalities Of Pangasinan	Ms. MAE SHEYL VIA DEOGF	12 Months	January, 2023	December, 2023	Economics Business &	9,898.09
San Carlos City	Challenges Of SMES Amidst The Covid-19 Pandemic	Ms. Kim Angela Cruz (SL) Dr. And Julie Rosal Dr. Charmaine Pintes	12 Months	January, 2023	December, 2023	Economics Business & Marketing	9,898.09
San Carlos City	Utilization and Acceptability of Nipa as Women's Accessories	Dr. Charmaine Pintes (SL) Dr. And Julie Rosal Mr. Benson Liester Flores	12 Months	January, 2023	December, 2023	Economics Business & Marketing	2,969.43
Sta. Maria	Marketing Practices of Water Refilling Stations in Sta. Maria, Pangasinan: Basis for a Marketing Plan	Mr. Tony Lio Repollo	12 Months	January, 2023	December, 2023	Economics Business &	4,949.04
Total							369,422.03

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2023 RESEARCH PROPOSALS

Center for Human Welfare, Policy, Governance and Community Development (CHWPGCD)

CAMPUS	TITLE OF THE STUDY	STUDY LEADER (SL) and Co-researcher(s)	DURATION (Months)	DATE TO START (Month, Year)	DATE TO COMPLETE (Month, Year)	University Agenda Addressed	BUDGET (Php)
Alaminos City	Gender-Based metacognitive learning strategies and mathematical problem-solving skills of college students	Melody De Vera	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	8,000.00
Alaminos City	Lived experiences of post partum depression and parental stress of PSU Alaminos City Campus employees after childbirth	Danielle Madero	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	6,000.00
Alaminos City	Developmental Crisis And Coping Strategies Of Pangasinan State University Employees, Alaminos City Campus	Danielle Madero	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	6,000.00
Alaminos City	Job Satisfactions And Relationship Through Conversations Over Coffee	Danielle Madero Jenylyn Oboza	12 Months	January, 2023	December, 2023	Organization, industry and community involvement	6,000.00
Alaminos City	Masculinities in the STEAM profession in the Philippines	Melody De Vera	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	12,000.00
Asingan	Design and development of rolling bed using recyclable materials as underlie	Adoracion T. Gante, Analyn I. Diola; Marry Ann E. Soberano; Julie M. Agpaoa; Jeanlyn V. Domingo	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	36,000.00

Asingan	IsukatMo: Waste Recovery Trading Application	Patrick Tarlit, Ma. Jo Ann Ventura; JB Doria; Wenna Lyn Honrado	12 Months	January, 2023	December, 2023	Organization, Industry and Community Involvement	10,000.00
Asingan	Design and development of disaster information bulleting with Crime Reporting Application	Patrick Tarlit, Wenna Lyn Honrado; Ma. Jo Ann Ventura; JB Doria	12 Months	January, 2023	December, 2023	Organization, Industry and Community Involvement	10,000.00
Bayambang	Lived Experiences of University Faculty on Accreditation	Love Joy Caerlang, Jessa Eugenio	12 Months	January, 2023	December, 2023	Organization, Industry and Community Involvement	5,500.00
Bayambang	Statement, Dissemination, Awareness and Acceptance of the PSU Revised Vision, Mission, Core Values and Strategic Goals	Kristine Maridith C. Castillo	12 Months	January, 2023	December, 2023	Organization, Industry and Community Involvement	9,000.00
Bayambang	Problems Encountered by Sangguniang Bayan Members in the Province of Pangasinan	Jefrey de Asis, Madlyn Tingco, Zosima Sison, Christian Gamo, Rosalinda Carpio, Malyn Alcantara, Darwin Palado	12 Months	January, 2023	December, 2023	Organization, Industry and Community Involvement	27,000.00
Binmaley	Item Analysis of the General Education Achievement Test through Gender-Related Bias Detection: An application of Differential Item Functioning (DIF) Model	Arlene N. Mendoza, Gilbert P. Moralista	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	16,000.00
Binmaley Binmaley Binmaley	Collection and Analysis of Sex-Disaggregated Data (SDD) and Gender Related Information (GRI) of Employees at Pangasinan State University: Basis for Gender Mainstreaming Monitoring and Evaluation Study 1:Sex and gender-differentiated characteristics of employees at Pangasinan State University Study 2:Employees engagement in gender-related programs, projects, activities and in decision-making at Pangasinan State University Study 3:Gender issues in the different campuses: The case of employees at Pangasinan State University	Paulo V. Cenas, Arlene N. Mendoza; Gilbert P. Moralista	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	6,000.00 5,000.00 5,000.00

Binmaley	Gender Role of Indigenous Peoples (IPs) in Sustainable Conservation of Natural Resources	Lorena Aquino, Jennie Fernandez	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	5,000.00
Binmaley	Level of Implementation of Environmental Laws in the Four Cities of Pangasinan	Danschiel Genre Dean Ramos	12 Months	January, 2023	December, 2023	Governance and policy	9,000.00
Binmaley	Implementation of Crime Prevention Strategies in the Dagupan City, Pangasinan	Danschiel Genre Dean Ramos	12 Months	January, 2023	December, 2023	Organization, industry and community involvement	4,000.00
Binmaley	Enhancing Environmental Law Awareness in the Four Cities of Pangasinan	Danschel Genre Dean Ramos, Romeo Caloza; Cheryl de Castro; Gina Millamina	12 Months	January, 2023	December, 2023	Governance and Policy	27,000.00
Binmaley	Gender mapping initiatives in Pangasinan State University: An empirical analysis gender mainstreaming	Gilbert P. Moralista, Arlene N. Mendoza, Joey R. Ramos	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	15,000.00
Binmaley	Morale and Productivity of the Barangay Tanods Amid Covid-19 Pandemic in the 3 Municipalities of Pangasinan	Jan Michael A. Fernandez Cheryl A. De Castro Saylee M. Honrado Danschiel Genre Dean B. Ramos Gina S. Millamina	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	10,000.00
Infanta	Digital Literacy Competencies among High School Teachers in Infanta, Pangasinan	Wendell Alferez, Catherine Lumanta, Ms. Dhally Boctuanon	12 Months	January, 2023	December, 2023	Organization, industry and community involvement	5,000.00
Infanta	Effectiveness of Pantawid Pamilyang Pilipino Program: viewed by the beneficiaries of Infanta, Pangasinan	Marjorie Collado, Teresita Mamaril, Ms. Jovelyn Barrera	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	5,000.00
Infanta	Awareness, utilization and satisfaction of students on on Wireless Networks in PSU Infanta Campus	Wendell Alferez	12 Months	January, 2023	December, 2023	Organization, industry and community involvement	5,000.00

Infanta	Gender Differences And Its Effects On The Academic Performance Of Tertiary-Aged Students In Pangasinan State University	Joanne Mae Montano	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	4,000.00
Infanta	Gender participation, mitigation and adaptation strategies on climate change and COVID 19 impacts on selected key players (fish processing, fishing and farming)	Rosana D. Gonzales, Larry A. Santos, SC Pareno, RS Abalos, JC Mangapot, Ian D. Evangelista, ES Ortize	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	11,000.00
Infanta	Gender-differentiated performance assessment among employee in selected public and private institutions in Pangasinan Study 2: Gender-differentiated performance before and during COVID 19 among non-teaching employees of selected HEIs in Pangasinan	Project: Rosanna D. Gonzales, Ian D. Evangelista, Rosanna DL. Valencerina (in collaboration with selected agencies) Study 2: Gilbert S. Moralista, GALapurga, RD Martinez, AMores, CADuran, EBMonte	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	17,000.00
Lingayen	Education, Economic and Health Status and Challenges of Labrador-Laguit Upland Farmers Association	Nova E. Arquillano, Gilbert Moralista BSBA faculty members BPA faculty members	12 Months	January, 2023	December, 2023	Organization, industry and community involvement	6,000.00
Lingayen	Five-year individual performance and commitment analysis: Basis for five-year human resource management plan	Teresita Mamaril, Christian Thom Tabisola	12 Months	January, 2023	December, 2023	Governance and policy	2,000.00
Lingayen	Economic Empowerment of Women in the Indigenous People's Community of Sitio Mapita in Aguilar Pangasinan	Presley De Vera	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	15,000.00
Lingayen	Localization Of Sustainable Development Goals In Local Government Units In The Province Of Pangasinan	Philip Segurola, Ma Rhodora Malicdem, Reynaldo Gelido, Magnimydell Fernandez	12 Months	January, 2023	December, 2023	Governance and policy	27,000.00
Lingayen	Climate Change And Food Security: Risks And Response Of The Province Of Pangasinan	Philip Segurola, Jandy Cacapit, Zshyna Mae Ahmed	12 Months	January, 2023	December, 2023	Governance and policy	27,000.00
Lingayen	Development Orientation Of Cities And Local Government Officials In The Implementation Of Mandanas Ruling (E.O. 138 Series Of 2021) In The Province Of Pangasinan	Philip Segurola, Reynaldo Gelido, Ma Rhodora Malicdem	12 Months	January, 2023	December, 2023	Governance and policy	27,000.00
Lingayen	Perceptual Analysis of Public and Online Gender-Based Sexual Harassment as experienced by Stakeholders of Pangasinan State	DPresley De Vera, Philip Queroda, Erna Salazar,	12 Months	January, 2023	December, 2023	Youth, gender, adult and	9,000.00

	University Open University Systems	Romary Lincod, Cristie Marie Dalisay, Arlene Mendoza				indigenous group empowerment	
Lingayen Lingayen Lingayen	Outcome Assessment of Adopt-a-Sitio Program: SitioMapita, Brgy. Laoag, Aguilar, Pangasinan Study 1: Outcome Assessment of Skills Training Study 2: Outcome Assessment of Health assessment and assistance Study 3: Outcome Assessment of partnership for health, education and agriculture	Jandy Cacapit, Nova Arquillano Faculty Members CBPA, CASL, CCS, CT, CE, CTHM Non-teaching personnel	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	6,000.00 5,000.00 5,000.00
Lingayen	Development of a Systematic Approach to Improve the Students' Classroom and Board Exam Performance of the Bachelor of Science in Social Work Program of Pangasinan State University	Great I Am W Gismundo	12 Months	January, 2023	December, 2023	Organization, industry and community involvement	3,000.00
Lingayen	Common Intimate Partner Violence (IPV) against Men in Pangasinan	Joseph Barrera	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	8,000.00
Lingayen	Empowerment and Self-Efficacy: Out-of-School Youth Perspective in Selected Communities in Lingayen, Pangasinan	Randy Soriano	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	2,000.00
Lingayen	Citizen's engagement on risk reduction management of flood prone barangays along Agno river in Pangasinan	Maria Rhodora Malicdem, Reynaldo T. Gelido, Rizza S. Baldonado, Minerva Joy B. Pedralvez, Magnimydell A Fernandez	12 Months	January, 2023	December, 2023	Organization, Industry and Community Involvement	18,000.00
Lingayen	Adaptive behaviors of businesses during the "new normal"	Magnimydell Fernandez, Maria Rhodora E. Malicdem, Reynaldo T. Gelido, Rizza S. Baldonado, Minerva Joy B. Pedralvez	12 Months	January, 2023	December, 2023	Organization, Industry and Community Involvement	4,000.00
Lingayen	Status of migrated indigenous peoples in Pangasinan	Donabel C. Sabas, Catherine Anne P. Atutubo, Great I Am C. Gismundo, Joseph C. Barrera	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	15,000.00
Lingayen	Challenges faced by migrant indigenous peoples (IP) sector on livelihood services in Pangasinan	Catherine Anne P. Atutubo, Great I Am Gismundo, Donabel C. Sabas, Joseph C. Barrera	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group	15,000.00

						empowerment	
Lingayen	Gender-Fair language proficiency of SB members in selected LGUs in Pangasinan	Minerva Joy B. Pedralvez, Rizza S. Baldonado, Reynaldo T. Gelido, Magnimydell A. Fernandez, Maria Rhodora E. Malicdem	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	5,000.00
Lingayen Lingayen Lingayen	Project: Smart Campuses and internationalization Initiatives: Pangasinan State University's Response To Industry 4.0 Study 1: Inhibiting and Facilitating Factors Related to Smart Campuses and Internationalization Initiatives of PSU Study 2: Influence Of International Pre-Service Teacher Training on Southeast Asian Teacher Project (SEA-Teacher) and Southeast Asian Ministers Of Educational Organization's Technical And Vocational Education and Training (SEAMEO-TVET) Completers' Personal Qualities and Work Competencies Study 3: Implementation of The Pre-Service Student Teachers Exchange in Southeast Asia (SEA-Teachers) and Southeast Asian Ministers of Educational Organization's Technical and Vocational Education and Training (SEAMEO-TVET) Exchange Program	Sally A. Jarin, Nova E. Arquillano, Michael P. Arquillano, Odessa Pacaul	12 Months	January, 2023	December, 2023	Organization, Industry and Community Involvement	7,185.85 18,100.00 18,100.00
Lingayen	Work Attitude of PSU Maintenance Personnel: Their Effect on Performance	Melanie Beran	12 Months	January, 2023	December, 2023	Organization, industry and community involvement	5,500.00
Lingayen	Awareness of PSU Non-Teaching Personnel on Occupational Health and Safety	Melanie Meran	12 Months	January, 2023	December, 2023	Organization, industry and community involvement	11,000.00
Lingayen	Trust at Work: A Study of Trust and Faith of PSU Employees to the Institution	Ian D. Evangelista, Lorena B. Echalar, Hazel S. Sison Nova E. Arquillano	12 Months	January, 2023	December, 2023	Organization, industry and community involvement	2,500.00
Lingayen	Determinants of Work Productivity among PSU Employees	Ian D. Evangelista, Lorena B. Echalar, Hazel S. Sison Nova E. Arquillano	12 Months	January, 2023	December, 2023	Organization, industry and community involvement	1,000.00
Lingayen	Knowledge Gained and Satisfaction of PSU Employees on PSU-organized Seminars and Trainings	Ian Evangelista, Lorena B. Echalar, Nova E. Arquillano	12 Months	January, 2023	December, 2023	Organization, industry and	1,000.00

		Leizel Del Castillo, Lanagail Abalos, Michelle Quinto Mark Roland Altre				community involvement	
San Carlos City	Training Needs Analysis of Court Stenographers in Pangasinan	Reynante Rosal, Jebra Maris Sanoza	12 Months	January, 2023	December, 2023	Organization, industry and community involvement	4,000.00
San Carlos City	Implementation of Occupational Safety and Health Standards in Private Higher Educational Institution	And Julie Rosal, Jebra Maris Sanoza	12 Months	January, 2023	December, 2023	Organization, industry and community involvement	5,000.00
San Carlos City	Assessment of patient data protection privacy and security in private hospitals	Diane Rocelle A. Jarin	12 Months	January, 2023	December, 2023	Organization, Industry and Community Involvement	5,000.00
San Carlos City	Compliance level of Pangasinan State University-San Carlos City Campus in Physical Plant and Facilities	Engr. Apollo V. Cayabyab, Engr. Catherine DC. Gutierrez	12 Months	January, 2023	December, 2023	Organization, Industry and Community Involvement	2,000.00
San Carlos City	Assessment of gender-fair language usage in the government workplace	Janelle D. Rosal, Jacqueline N. Argente, Rowena Villamil, And Julie D. Rosal	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	3,000.00
San Carlos City	A review of organizational policy on gender mainstreaming strategy: Basis for intervention	Rowena C. Millamil	12 Months	January, 2023	December, 2023	Governance and policy	3,000.00
San Carlos City	Work environment practices in the new normal: Basis for human resource intervention	Benison Liester Flo, And Julie Delin Rosal	12 Months	January, 2023	December, 2023	Organization, Industry and Community Involvement	3,000.00
San Carlos City	Emerging new soft skills of human resources in the new normal: Basis for intervention	Benison Liester Flores, And Julie Delin Rosal	12 Months	January, 2023	December, 2023	Organization, Industry and Community Involvement	3,000.00
Urdaneta City	Sustainable Assessment of the Solar-Powered System of Barangay San Roque in San Manuel, Pangasinan	Rodel P. Hacla, Harry Allan Errasquin; Jerome B. Patilla; Daisy P. Agpawa	12 Months	January, 2023	December, 2023	Organization, Industry and Community Involvement	9,000.00
Urdaneta City	Profiling Freshmen Students of PSU-Urdaneta City Campus: Baseline for Student Sex and Gender Disaggregated Data Reporting	Aristeo Aquino, Joel Cayabyab, Jonathan Espinosa, Renz Daryll Songalla, Ivi Desiree Alberto,	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group	12,000.00

		Joshua Roly Mosada, Shirley Layona, Jessa Mae Norberte, J. Axel Arenas, Zita Corpuz, Liezl Maala, Mark John Padilla, Menchie Castillo, Jaffey Mherca Cantor				empowerment	
Urdaneta City	Educational and Economic Profile of Ibaloi Indigenous Cultural Community in San Nicholas, Pangasinan: Input to Enhancement of Rural Development Initiatives	Mark John Padilla, BJ Ambat, Arlo Vincent Ranque, Joan Elizabeth Ibay, Emil Isaac Conde, Jessa Mae Norberte, Cristeta Dulos	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	23,000.00
Urdaneta City	Stressors and Coping Mechanisms of Teaching Personnel in the Implementation of Full Face-to-Face Classes in Pangasinan State University	Arlo Vincent Ranque, Jaffey Mherca Cantor, Ivi Desiree Alberto, Joshua Roly Mosada, Jonathan Espinosa, Menchie Castillo	12 Months	January, 2023	December, 2023	Organization, industry and community involvement	16,000.00
OUS	Perceptual analysis of public and online gender-based sexual harassment as experienced by stakeholders of Pangasinan State University-Open University Systems	Presley De Vera, Phillip Queroda; Erna Salazar; Romary Lincod; Cristie Marie Dalisay; Arlene Mendoza	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	9,000.00
SAS	Gender-differentiated performance assessment among employee in selected public and private institutions in Pangasinan Study1:Gender-differentiated performance before and during COVID 19 among faculty members of selected HEIs in Pangasinan	Project: Rosanna D. Gonzales, Ian D. Evangelista, Rosanna DL. Valencerina (in collaboration with selected agencies) Study 1:Jun S. Camara, RS Garin, Cristeta Dulos, MAclera, LCaraos, EGalas	12 Months	January, 2023	December, 2023	Youth, gender, adult and indigenous group empowerment	17,000.00
Total							625,685.85

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2023 RESEARCH PROPOSALS

Center for Health, Energy, Disaster and Environmental Sustainability (CHEDES)

CAMPUS	TITLE OF THE STUDY	STUDY LEADER (SL) and Co-researcher(s)	DURATION (Months)	DATE TO START (Month, YEAR)	DATE TO COMPLETE (Month, YEAR)	University Agenda Addressed	BUDGET (Php)
Infanta	Role of Selected Higher Education Institutions in Green Education, Educational Tourism, and Local Development in Indonesia and Philippines	Rosanna Gonzales-SL Larry Santos Christopher Cocal Irene De Vera Ian Evangelista Erwin Ortiz Rodelio Garin Jomar Mangapot	12 months-1 st phase	February 2023	December 2023	Nature, Disaster, and Environment Management	150,000.00
Lingayen	Taxonomy, and Distribution of Mangrove and Mangrove Related Species in Bani Pangasinan	McFerdie Bacton- SL Jesamine Rebugio Weenalie T. Fajardo	12 months-1 st phase	February 2023	December, 2023	Nature, Disaster, and Environment Management	46,000.00
Lingayen	Taxonomy of Planktonic Species Present in SanCeDaCo Marine Protected Area in Bani Pangasinan, Northern Philippines	McFerdie Bacton- SL Jesamine Rebugio Weenalie T. Fajardo	12 months-1 st phase	February 2023	December 2023	Nature, Disaster, and Environment Management	35,000.00
Lingayen	Bird Survey in Bani Communal Forest, Bani Pangasinan	McFerdie Bacton- SL Jesamine Rebugio Weenalie T. Fajardo Sharlene Cherry De Guzman Lina Cancino Girlie Fernandez Krishia Mae Quinto Eva Jamaillah Pescador Thomas Reyes	12 months-1 st phase	February 2023	December 2023	Nature, Disaster, and Environment Management	25,000.00

Lingayen	Biodiversity and Distribution of Manglicolous Lichens In Bangrin Mangrove Protected Area (MPA), Bani, Western Pangasinan, Northern Philippines	Weenalie T. Fajardo- SL McFerdie Bacton Jesamine Rebugio	12 months- 1 st phase	February 2023	December 2023	Nature, Disaster, and Environment Management	30,000.00
Lingayen	Taxonomy, Distribution, and Local Knowledge and Uses of Trees in Bani Communal Forest, Bani, Pangasinan, Northern Philippines	Weenalie T. Fajardo- SL McFerdie Bacton Jesamine Rebugio	12 months- 1 st phase	February 2023	December 2023	Nature, Disaster, and Environment Management	125,000.00
Lingayen	Assessment of Microplastics and Heavy Metals in the Aquatic Environment of Bani Pangasinan	Jesamine Rebugio-SL Lina Cancino Thomas Reyes	12 months- 1 st phase	February 2023	December 2023	Nature, Disaster, and Environment Management	110,000.00
Lingayen	Ecosystem Service Value of Mangrove Ecosystem in Bani Pangasinan	Jesamine Rebugio-SL McFerdie Bacton Weenalie T. Fajardo Sharlene Cherry De Guzman Lina Cancino Girlye Fernandez Krishia Mae Quinto Eva Jamaillah Pescador Thomas Reyes	12 months- 1 st phase	February 2023	December 2023	Nature, Disaster, and Environment Management	125,000.00
Lingayen	Phytochemical Analysis and Assessment of Bioactivities of Cultural and Economically Important Plants in Bani, Pangasinan	Eva Jamaillah Pescador-SL Krishia Mae Quinto Thomas Reyes	12 months- 1 st phase	February 2023	December 2023	Nature, Disaster, and Environment Management	197,500.00
Lingayen	Edibility Assessment of Underutilized Indigenous Food Plants in Bani, Pangasinan	Sharlene Cherry De Guzman-SL Girlye Fernandez	12 months- 1 st phase	February 2023	December 2023	Nature, Disaster, and Environment Management	50,000.00
Lingayen	GeoSpatial Distribution of Underutilized Indigenous Food Plants in Bani, Pangasinan	Sharlene Cherry De Guzman-SL Girlye Fernandez	12 months- 1 st phase	February 2023	December 2023	Nature, Disaster, and Environment Management	27,500.00
Lingayen	Phytochemical Assessment of UIFPs in Bani, Pangasinan	Sharlene Cherry De Guzman-SL Girlye Fernandez	12 months- 1 ^s phase	February 2023	December 2023	Nature, Disaster, and Environment Management	33,500.00

Lingayen	Characterization of Nipa Liquor vis-à-vis production Method in Lingayen, Pangasinan	Thomas Reyes-SL Krishia Mae Quinto Lina Cancino	12 months- 1 st phase	February 2023	December 2023	Nature, Disaster, and Environment Management	34,000.00
Lingayen	Characterization of Nipa Vinegar vis-à-vis production Method in Lingayen, Pangasinan	Krishia Mae Quinto-SL Thomas Reyes Lina Cancino Eva Jamaillah Pescador	12 months- 1 st phase	February 2023	December 2023	Nature, Disaster, and Environment Management	82,500.00
Binmaley	Community's Perception of the Ecological Benefits of Malunggay (Moringa oleifera) Tree in the Municipality of Binmaley, Pangasinan	Lorena F. Aquino-SL Jennie B. Fernandes	12 months	February 2023	December, 2023	Nature, Disaster, and Environment Management	29,750.00
Binmaley	Phytoremediating the Closed Dumpsite of Lingayen, Pangasinan through Schizostachyum lumampao	Irene A. De Vera-SL Rene B. De Vera Larry Santos Nerda De Vera Jomark Paraña	12 months- 1 st phase	February 2023	December, 2023	Nature, Disaster, and Environment Management	55,000.00
Binmaley	Marine Hazards and Risks in Lingayen Gulf	Irene A. De Vera-SL Rene B. De Vera Larry Santos Nerda De Vera Jomark Paraña Fremela Urbano et al	12 months- 1 st phase	February 2023	December 2023	Nature, Disaster, and Environment Management	50,000.00
Bayambang	Health Seeking Behavior of Salt Farmer's Families In Pangasinan	Jumar Baratang-SL Wilbert Rosario	12 months	February 2023	December, 2023	Nature, Disaster, and Environment Management	19,000.00
Bayambang	Health Risk Assessment of Onion Farmers in Bayambang, Pangasinan	Jumar Baratang-SL Wilbert Rosario Sherlyn Platon	12 months	February 2023	December, 2023	Nature, Disaster, and Environment Management	51,500.00

Sta Maria	Solid Waste Management Practices in the Municipality of Sta. Maria, Pangasinan	Clarisse Cacapit-SL Prima Silvestre Marleo Montenegro	12 Months	January, 2023	December, 2023	Nature, Disaster, and Environment Management	75,000.00
Sta Maria	Mental Health Literacy (MHL) and Professional Help-Seeking Intention (PHSI) of College Students in Pangasinan State University	Donna May Gavina-SL	12 Months	February 2023	December 2023	Nature, Disaster, and Environment Management	65,500.00
Asingan	Land Suitability Assessment of the Coastal and Brackish Water Areas in Pangasinan for Salt Farming	Analyn I. Diola-SL Paulo V.Cenas, et al	12 months-1 st phase	February 2023	December, 2023	Nature, Disaster, and Environment Management	38,500.00
Asingan	Effect of Cognitive Behavioral Therapy And Magnesium Glycinate In Patients Suffering From Insomnia	Ma Elizabeth Della-SL Aaron Manasseh Agsalud Robert Lee Remigio	12 months-1 st phase	February 2023	December 2023	Nature, Disaster, and Environment Management	10,000.00
Urdaneta City	A Two-Level Suitability Evaluation Of School Buildings As Post-Earthquake Shelter Considering The Post-Disaster Functional Asset Value: Psu-Sta. Maria Campus As Case Study	Rizalyn Illumin-SL	12 Months	January 2023	December, 2023	Nature, Disaster, and Environment Management	5,000.00
Urdaneta City	A Two-Level Suitability Evaluation Of School Buildings As Post-Earthquake Shelter Considering The Post-Disaster Functional Asset Value: Psu-Urdaneta Campus As Case Study	Rizalyn Illumin-SL	12 Months	January 2023	December 2023	Nature, Disaster, and Environment Management	5,000.00
Urdaneta City	A Two-Dimensional Seismic Vulnerability Screening Of Buildings Considering The Post-Disaster Functional Value : Psu-San Carlos City Campus As Case Study	Rizalyn Illumin-SL	12 Months	January, 2023	December, 2023	Nature, Disaster, and Environment Management	15,000.00
Urdaneta City	A Two-Dimensional Seismic Vulnerability Screening of Buildings Considering The Post-Disaster Functional Value : Psu- Asingan Campus As Case Study	Romel Vingua-SL Gliffce Colobong Salvador Caras	12 Months	January, 2023	December, 2023	Nature, Disaster, and Environment Management	10,000.00
Urdaneta City	Electrical System Assessment: A Basis For Pangasinan State University Energy Management System	Harry Alan P. Errasquin-SL Rodel Hacla	12 months-1 st phase	February 2023	December 2023	Nature, Disaster, and Environment Management	300,000.00

Urdaneta City	Pangasinan State University Solar-Powered Electric Vehicle Charging Station (PSU-SPECS)	Roy Flores-SL Rodel Hacla Harry Alan Errasquin Pauline Vista Roa	12 months- 1 st phase	February 2023	December 2023	Nature, Disaster, and Environment Management	200,000.00
Urdaneta City	Energy Audit of PSU Urdaneta Campus: Basis for Energy Efficient Management	Pauline Vista Roa-SL Rodel Hacla Harry Alan Errasquin Jerome Patilla	12 months- 1 st phase	January, 2023	December, 2023	Nature, Disaster, and Environment Management	250,000.00
Urdaneta City	Design and Installation of Solar Power Set-up for Mt. Makabunnaw Brgy Alfonso Castaneda, Nueva Vizcaya	Harry Alan P. Errasquin-SL Rodel Hacla et al	12 months- 1 st phase	February 2023	December 2023	Nature, Disaster, and Environment Management	200,000.00
Urdaneta City	Phase II Solar Powered Electrical System for Mauban Elementary School and Mauban Barangay Plaza	Rodel Hacla-SL	12 months- 1 st phase	February 2023	December 2023	Nature, Disaster, and Environment Management	200,000.00
Total							2,650,250.00

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2023 RESEARCH PROPOSALS

Salt Technology and Innovation Center (STIC)

CAMPUS	TITLE OF THE STUDY	STUDY LEADER (SL) and Co-researcher(s)	DURATION (Months)	DATE TO START (Month, Year)	DATE TO COMPLETE (Month, Year)	University Agenda Addressed	BUDGET (Php)
Alaminos	Applying Quality Control Tools In Salt Production In Dasol, Pangasinan	Charlaine P. Lopez	12 Months	January, 2023	December, 2023	Economics, Business & Marketing/Health and Food Safety	9,478.69
Alaminos	Applying Quality Control Tools In Salted And Dried Fish Production In Pangasinan	Charlaine P. Lopez, Jocelyn S. De Vera	12 Months	January, 2023	December, 2023	Economics, Business & Marketing/Health and Food Safety	9,478.69
Alaminos	Production Optimism Of Salt Farmers In Anda, Bani, Bolinao, Pangasinan	Mr. Rocky Cardona, Mr. BJ Ambat, Mr. Mark John Padilla	12 Months	January, 2023	December, 2023	Organization, Industry and Community Involvement/Governance and Policy	17,800.98
Asingan	Study 1: Development of Bath Scrub From Moringa, Nipa Palm Fruit Oil, And Sea Salt	Patricia B. Manaloto, Marry Ann E. Soberano, Analyn I. Diola, Jeanlyn V. Domingo	12 Months	January, 2023	December, 2023	Technology Development/ Economics, Business & Marketing/Health and Food Safety	18,009.52
Asingan	Study 2: Market Feasibility Of Moringa-Nipa Salt Scrub	Patricia B. Manaloto, Marry Ann E. Soberano, Analyn I. Diola, Jeanlyn V. Domingo	12 Months	January, 2023	December, 2023	Economics, Business & Marketing/Health and Food Safety	9,478.69
Lingayen	Assessment Of Salt Utilization For Water Refilling Station In Pangasinan	Victor T. Bernal	12 Months	January, 2023	December, 2023	Economics, Business & Marketing/ Nature, Disaster	9,478.69

						and Environment Management	
Lingayen	Assessment Of Water Filtration System Among Family Style Restaurants In Lingayen Pangasinan	Victor T. Bernal	12 Months	January, 2023	December, 2023	Economics, Business & Marketing/ Nature, Disaster and Environment Management	9,478.69
Urdaneta	Project Title: Revitalizing The Salt Industry In Pangasinan	Engr. Quincy Jones B. Bundal et al	12 Months	January, 2023	December, 2023	Nature, Disaster and Environment Management	18,957.39
	Study 1: Environmental Challenges Of Salt Industry In Pangasinan: A Case Study	Engr. Reamlyx E. Lachica et al				Governance and Policy	18,957.39
	Study 2: Constraints In The Salt Industry: A Basis In The Establishment Of Salt Center In Pangasinan					Technology Development	24,644.60
	Study 3: Salt As A Strategic Commodity In Pangasinan: Design, Fabrication And Evaluation Of Integrated Salt Bed						
Urdaneta	The Futures Of The Salt Industry In The Philippines: A Causal Layered Analysis	Dr. Paulo V. Cenas et. al	12 Months	January, 2023	December, 2023	Economics, Business & Marketing/ Industry and Community Involvement	18,957.39
	Project Title: Improving The Process Of Salt Production In The Province Of Pangasinan	Engr. Harry Alan Errasquin					
Urdaneta	Study 1 Title: Design Of Fuel-Efficient Sea Salt Furnace	Engr. Danmer Donor, Engr. Harry Alan Errasquin	12 Months	January, 2023	December, 2023	Technology Development	142,180.39
Urdaneta	Study 2 Title: Design And Fabrication Of Salt Drying And Iodizing Machine	Engr. Socrates Nacis, Engr. Rodel Hacla, Engr. Harry Alan Errasquin, Engr. Jerome Patilla	12 Months	January, 2023	December, 2023	Technology Development	189,573.85
Urdaneta	Study 3 Salt Farming Innovation: Salt Harvester For Small-Scale Solar Evaporation Method	Engr. Hannah Alyssa Nicanor, Engr. Danmer Donor, Engr. Quincy Jones Bundal	12 Months	January, 2023	December, 2023	Technology Development	6,350.85

Urdaneta	Comparative Analysis Of Chemical Contents Of Salt In Pangasinan	Engr. Quincy Jones Bundal, Engr. Reammlyx E. Lachica, Engr. Victor Sherwin Galanggam, Engr. Megan Gamet	12 Months	January, 2023	December, 2023	Economics, Business & Marketing	22,748.86
						Total	585, 574.68



2023 RESEARCH PROPOSALS

Mushroom Technology and Innovation Center (MTIC)

CAMPUS	TITLE OF THE STUDY	STUDY LEADER (SL) and Co-researcher(s)	DURATION (Months)	DATE TO START (Month, Year)	DATE TO COMPLETE (Month, Year)	University Agenda Addressed	BUDGET (Php)
Sta. Maria	<p>Effects Of Indigenous Forest Trees' Sawdust Substrates On The Growth And Yield Of Yanagi Mushroom (<i>Agrocybe aegerita</i>)</p> <p>Study 1. Effects of indigenous forest trees' sawdust substrates on the mycelial ramification of yanagi mushroom fruiting bags.</p> <p>Study 2. Effects of indigenous forest trees' sawdust substrates on the basidiocarp production and yield of yanagi mushroom fruiting bags.</p>	<p>Elisa S. Della, Ph.D. – Project Leader</p> <p>Cesar G. Della, Ed.D.-Study Leader</p> <p>Ma. Elizabeth S. Della, MS</p>	9 months	February 2023	December 2023	Technology Development	<p>50,000.00</p> <p>50,000.00</p>
Sta. Maria	<p>Power of Edible Mushrooms: A Product Development Of Flurry Of Gourmet/Menu/Snack Foods For The Nutritional And Health Benefits Of Psu Mtic Stakeholders</p> <p>Research Components:</p> <p>Project 1. Development of Vacuum Fried Crispy Oyster Mushroom/Yanagi Mushroom/Straw Mushroom, Mushroom Pizza, Mushroom “Dinakdakan”, mushroom “Sisig”, and other Mushroom Gourmet</p> <p>Study 1: Crispy Fried Mushroom Processing Technology</p> <p>Study 2: “Kropek” Processing Technology</p> <p>Study 3: Mushroom “dinakdakan” processing technology</p> <p>Study 4. Mushroom “sisig” processing technology</p>	<p>Cesar G. Della, Ed.D.- Program Leader</p> <p>Elisa S. Della, Ph.D. – Project Leader</p> <p>Ma. Elizabeth S. Della, MS – Study Leader</p> <p>Ms. Meilyn T. Dumanay – SL</p> <p>Mr. Emil C. Collado</p> <p>BEE Faculty Members</p> <p>BTLED Faculty Members</p> <p>BSE Faculty Members</p>	2023-2024	April 2023	December 2024	Technology Development	<p>17,000.00</p> <p>17,000.00</p> <p>17,000.00</p> <p>17,000.00</p>

Project 2. Mushroom Product Development: Value Adding Initiatives Towards A More Profitable and Sustainable Mushroom Industry In Pangasinan.						
Study 1. Methods of production of yanagi/oyster/straw mushrooms noodles						17,000.00
Study 2. Standardization of PSU-MTIC Mushroom Ice Cream						17,000.00
Study 3. Standardization of PSU-MTIC Mushroom Biscuit/Cookies Processing Technology.						17,000.00
Study 4. Mushroom Pizza Processing Technology						17,000.00
Study 5. Promotion and Commercialization of PSU-MTIC Mushroom Food Products						17,000.00
Total						252, 079.17