RESEARCH PROCRAM

RESEARCH PROGRAM Outout Indicator 1: Number of research outouts' completed within the year Output Indicator 2 (State Universities) : Percentage of research outputs published in internationally-refereed or CHED-recognized journals within the year (State Colleces) : Percentage of research outputs presented in national. realonal. or international for a within the year

Outcome Indicator : Number of research outputs in the last 3 years utilized by the industry or by other beneficiary

Net 1. List all meanches comolected in the last three version (PY 2016, 2017, 2018) 2. List all meanch stands in the last three (T) want sublicable to the industry or to other beneficiary 3. 4. 6. Pro Additional social: refer to last all international freed (CDIP reconcised bundle 5. For OP3-Static Colless, main include on-solare researches or comolected researches in PY 2016, 2017, 2018) 6. Incomplete entries will be DSEGMADED

1 Z 3 STATUS DURATION UTILIZATION PRESENTATION PUBLICATION N TYPE (National, Regional or DATE DATE OF PUBLICATION PRODUCT NAME / IETHODS / PROCESS/ TECHNOLOGY VOL. NO. & ISSUE NO. RESEARCH TITLE On-going Started Completed TITLE OF JOURNAL O PUBLICATION PROOF / DESCRIPTION / DOCUMENTATION BENEFICIARY (PARTNER INDUSTRY / COMMUNITY) ARTICLE / TITLE TITLE OF FORUM VENUE SUPPORTING DOCUMENTS ARTICLE / TITLE ISSN / ISBN INDEX SUPPORTING DOCUMENTS SUPPORTING DOCUMENTS Completed mm/dd/yyy (mm/dd/yyy (mm/dd/www (mm/dd/yyyy ex. (Patent No.) (Date) Edna R. Pua, Arvin A. Rufo, Rodora S. Jocencio, Marilyn R. Vasquez, Felicisimo M. Noble, Ir. Annex A: Abstract, Journal Title Page, Table of Contents, Actual Page(s) Annex A: Abstract, Annex B: Certificate of Hypoglycemic activity of (Andrographis paniculate Crude Extract Feb-15 Feb-16 cipation/attendance =x C: Conference Proce Used as spices in GreenBread pizzas GreenBread Pizzahouse & Provincial Nutrition Council of Quezon Commercialization of Malunggay Powder with D Flour as Natural Food Ingredient May-14 Mar-17 Product Enhancement of Soft-Boned Bangus Nov-14 Mar-17 Ma. Criselda B. Chumacera Climate Risk and Vulnerability Assessment in epartment of Agriculture Regional Field Office IV-A (CALABARZON) Jul-16 ISBN 978-971-0187-35-5 Aug-17 Ouezon Province (Maps) ate Risk and Vulnerability Asser uezon Province Climate Risk and Vulnerability Assessment in Quezon Province (Method) partment of Agriculture Regional Field Office IV-A (CALABARZON) Climate Risk and Vulnerability Assessment in Quezon Province (method) Jul-16 Aug-17 ISBN 978-971-0187-29-4 Yamang Lupa Program: Adoption of Bhoochetana Principles and Approach for Natural Resource Management Towards Sustainable Agriculture in Region IV-A (Year 3) Soil Fertility Atlas of Selecte Copyright (L2019-1289) ISBN 978-971-0187-38-6 Sariava Farmers' Federation (SAFAFED) rangays in Sariaya, Quez Completed Mar-17 Oct-18 Yamang Lupa Program Copyright (L2019-241) Sariaya Farmers' Federation (SAFAFED) 2018 Jan-16 K-Sarap Mix BHW cement of K-Sarap Mix Yamang Lupa Program: Adoption of Bhoochetana Principles and Approach for Natural Resource Management Towards Sustainable Agriculture in Region IV-A (Year 3) Dec-18 Mar-17 Market Survey of Organic Pinakbet Vegetables Jul-17 Aug-18 Quezon Province Village Level Processing of Sweet Potato 2013 2018 Jul-16 Dec-18 stribution of Derby Spiders in Quezon Diet Density ann Distribution of Allien Invasive Jul-16 Dec-18 Species of Frogs in Quezon roduct Enhancement of Soft-boned Smoked Nov-14 Nov-17 31st Regional Symposium in Research, Deve Bangus uct Enhancement of Soft-boned Product Enhancement of Soft-boned Smoked BAR Research and /olume 20 Issue No. na State Polytechnic Un & Extension Highligh Extent of Influence of Work Motivation on Employee Engagement: The Case Of Contrac Faculty Members Contemporary Issues i Science, Engineering & Management (ICCI-SEM) 2017 2018 Extent of Influence of Work Motivation on Employee Engagement: The Case Of Contractual Faculty Members umnur Malavsi er 13-14, 2018 Citizen Satisfaction Index System (CSIS) of Pagbilao, Quezon Mar-18 Mar-19 Cities & Municipalities Competitive Index of Quezon Province 2018 2019 Sustainability of DSWD Kalahi CIDSS Small Wate Systems in the 3rd District of Quezon Province, 2018 2019 Filamentous Fungi associated with Decaying Leaves of Syzygium nitidum Benth. Located at 1,100 masl of the Northeastern slope of Mt. Banahaw de Lucban, Lucban, Quezon, Philippin 2018 2019 Psychological Well-being of College Students in Southern Luzon State University: Validation of the Personal-Social Responsibility and Wellness Module 2017 2019 Farmers' Satisfaction on Irrigation Services of National Irrigation Administration in Region IV-A (CALABARZON) 2018 2019 roduction Practices of Cacao Growers in the ourth District of Quezon 2019 2019 Bridging the gap between academe and industry in Psychological Practice within CALABARZON 2019 2019 Eating Habits and Food Preferences of Selected Urban and Rural Residents in Quezon Province 2019 2019 Climate Risk Vulnerability Assessment (CRVA) and Suitability analysis of various crops in San Andres: 2019 2019 Department of Agriculture Regional Field Office IV-A (CALABARZON) and Municipality San Andres, Quezon Suitability Index of Banana in San Andres, Quezon Response of Selected Pole Sitao (Vigna unguic L.) Varieties to Fermented Chicken Manure Application under Lucban, Quezon Condition 2019 2019

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Mangrove Crab (Scylla serrate) Production in Alabat Island, Quezon Province using an Aquasilviculture System	Completed	2017	2019														1
Discourse Error Analysis of Selected high School	Completed	2018	2019														
Students' Compositions: Basis for a Textbook in Purposive Communication Biomass and Carbon Stocks Estimation of	Completed								-								l
Mangrove Forest in Alabat Island using LANDSAT ETM + and SRTM Elevation Data	Completed	2018	2019						_								
Optimization of PCR Cycling Condition for DNA Barcoding of Makaasim (Syzygium nitidum Benth.)		2019	2019														1
PCR Amplification of the rbcl gene for DNA	Completed	2019	2019						-								1
Barcoding of Batikuling (Litsea leytensi Merr.)	Completed	2019	2019						-								
Macropropagation of Batikuling in Varying Levels of IB and Amount of Mycorrhiza Inoculant		2019	2019														1
Classification of Learning Styles in Virtual Learning	Completed								-								
Classification of Learning Styles in Virtual Learning Environment using J48 Decision Tree	Completed	2016	2019						-								
Macropropagation of Batikuling in Varying Levels of NAA and amount of Mycorrhiza Inoculant		2019	2019														1
Macropropagation of Makaasim in Varving Levels	Completed								-								[
of NAA and amount of Mycorrhiza Inoculant	Completed	2019	2019						-								
Refinement of Mussel Transplantation Techniques for Developing Mussel Farming Industry in Quezon		2019	2019														1
Development and Promotion of Beekeeping	Completed	2018	2019						-								
Technology in the Province of Quezon	Completed	1010							-								
(Phase 1) Technology Adaptation and Performance Trial of Recommended Rubber and Other Promising Rubber Clones in the Philippines		2018	2019														I
	Completed								-						-		
Status of Q1K Beneficiaries of Lucban, Quezon with its Program Enhancement Plan	Completed	2018	Jul-19														
The teaching and Learning of Mathematics in Higher Education Institution Basis of the				The teaching and Learning of Mathematics													
Development of a Life along Learning Framework in Mathematics for teachers and student		2018	2019	The teaching and Learning of Mathematics in Higher Education Institution Basis of the Development of a Life along Learning Framework in Mathematics for teachers and students	Annual Teachers and Educators' Convention												1
Soil Amendments-contributions to soil	Completed					Days Hotel, Tagaytay City	Regional	March 14-15, 2019	-								[
sustainability – A Symposium on Current Research and Product Development of Different Soil Amendments	Completed	2018	2019	Soil Amendments-contributions to soil sustainability – A Symposium on Current Research and Product Development of Different Soil Amendments	Agricultural System Institute College of Agriculture and Food Science, University of the Philippines	ASI Lecture Hall, Agricultural and Food Science, University of the Philippines Los Baños	Matianal	June 26, 2019									1
Circuit Design of Sensor Amplifier of Blood	Completed	2017			3rd National Research & Development	Philippines cus banus	National	Julie 20, 2019									
Pressure Measurement Use in Telehealth System	Completed	2017	2019	Circuit Design of Sensor Amplifier of Blood Pressure Measurement Use in Telehealth System	Congress on Technology & Vocational Education	University of Northern Philippines, Tamag, Vigan, Ilocos Sur	National	October 3-5, 2019									1
Microcontroller-Based Growing of Spinach and		2017	2019		3rd National Research												1
Tilapia under Controlled Greenhouse Aquaponics	Completed			Microcontroller-Based Growing of Spinach and Tilapia under Controlled Greenhouse Aquaponics	Congress on Technology and Vocational Education	University of Northern Philippines, Tamao, Vioan, Ilocos Sur	National	October 3-5, 2019	=								l
Soil Health Approach of Boosting Rainfed Agriculture in Sariaya, Quezon		2017	2019														1
	Completed			Soil Health Approach of Boosting Rainfed Agriculture in Sariava. Ouezon	31st National Research Symposium (NRS)	Sulo Riviera Hotel, Diliman, Quezon Citv	National	October 16, 2019	-								l
Farmers' Satisfaction on Irrigation Services of National Irrigation Administration – Quezon Irrigation Management Office		2018	2019	Farmers' Satisfaction on Irrigation Services of National Irrigation Administration – Quezon Irrigation Management Office	1st National Scientific	I Imali Auditorium SFARCA											1
inguiser management office	Completed			Quezon Irritation Management Office	Conference on Water	Umali Auditorium, SEARCA, College, Los Baños, Laguna	National	November 7-9, 2019									
Locating Data –Driven Learning in the Philippine Secondary ESL Classroom: Status, Prospects and Challenges	Completed	2017	2018														1
Challenges				Locating Data -Driven Learning in the Philippine Secondary ESL Classroom:	Linguistic Society of the Philippines International Conference 2019												
5 Knowing-doing Gap of 21st Century Instruction at					Conference 2019	De La Salle University	International	March 7-8, 2019									
Southern Luzon State University-Judge Guillermo Eleazar, Tagkawayan, Quezon	Completed	2018	2018	Knowing-doing Gap of 21st Century Instruction at Southern Lucon State University-Judge Guillermo Eleazar, Taokawavan. Quezon	2019 International Integrated Research	Walter Hogan Hall, Ateneo de Manila University. Quezon City	International	September 20-22, 2019									I
Bridging the gap between academe-industry		Jul-19	Nov-19														
through outcomes-based curriculum development	Completed			Bridging the gap between academe- industry through outcomes-based curriculum development	2nd SIMP-AAG SLSU Multidisciplinary Research Festival	Thai Nguyen University, Thai Nguyen City, Vietnam	International	November 28-30, 2019	-								
Gleaning of Macro-Benthic Invertebrate Fishery in Kabibihan River System		2018	2019														I
	Completed				3rd International Academic Summit	Lingayen, Pangasinan	International	November 27-29, 2019	-								
Refinement of Mussel Transplantation Techniques for Developing Mussel Farming Industry in Quezon		Aug-17	Jan-19	Refinement of Mussel Transplantation Techniques for Developing Mussel Farming Industry in Ouezon	3rd International												I
	Completed			Industry in Ouezon	Academic Summit 4th International	Lingayen, Pangasinan	International	November 27-29, 2019									
SLSU Nipa REED+Plus		2018	2019		4th International Research, Development and Management Congress and 29th PHILARM Convention												I
Species Composition and Physiognomy of	Completed					Grand Astoria Hotel Zamboanoa Cit-	International	November 13-16, 2019									
Rainforest Demofarm in Southern Luzon State University, Lucban, Quezon	Complete	2017	2018	Species Composition and Physiognomy of Rainforest Demofarm in Southern Luzon State University, Lucban, Ouezon	PNPCSI 5th International Symposium	University of Sto. Tomas, España, Marila	International	November 13-15, 2019									I
Functional Traits of Stem and Leaf of Wrightia candollei S. Vidal	Sampreide	2017	Jul-18	A STATE STREET, AND AND A STATE	- Automation	and the	a des macterios			Functional Traits of Stem and Leaf of Wrightia							
Detection of potentially Zoonotic Cryptosporidium	Completed								-	candollei S. Vidal	Jun-19	Philippine Journal of Science	148 (2): 307-314	ISSN 0031 - 7683	Thomson Rev		
and Giardia among Livestock in Sariaya, Quezon, Philippines	Completed	2016	Aug-18							Detection of potentially Zoonotic Cryptosporidium and Giardia among Livestock in Sariava. Ouezon. Philipoines	Jun-19	Pertanika Journal	42 (2): 557-568 (2019)	ISSN:1511-3701	Scopus		
Lexical Bias among Tagalog-spealing Filipino Pre- school Children		2017	2018							Lexical Bias among Tagalog-spealing Filipino					Scopus		I
	Completed								1	Pre-school Children	Jun-19	Asian EFL Journal	Vol. 24 Issue No. 4.1	ISSN 1738-1460		L	ι

Women of K-12: Exploring teachers' cognition in Ianguage policy implementation	Completed	2017	2018						Women of K-12: Exploring teachers' cognition in language policy implementation	Jun-1	Asian EFL Journal	24 (4.1). 143-162	ISSN 1738-1460	Scopus		
A Culture Review of Unique Traditional Uses of Plants in Quezon, Province	Completed	2016	2018						A Culture Review of Unique Traditional Uses of Plants in Ouezon. Province	Nov-1	Asia Pacific Journal of Multidisciplinary Research	Volume 7, Number 4		CHED Accredited		
Literature Synthesis for Assessment and 58 Management of Seagrasses	Completed	2017	2018						Literature Synthesis for Assessment and Management of Seagrasses		International Journal of Science and Management Studies	Volume 2 Issue 6		Google Scholar		
Land Use/Land Cover Change Detection and Urban Sprawl Analysis in the Mount Makiling Forest Reserve Watersheds and Buffer Zone, Philippines 59	Completed	2017	2018						Land Use/Land Cover Change Detection and Urban Sprawl Analysis in the Mount Makiling Forest Reserve Watersheds and Buffer Zone, Philipoines	Jan-1	Molecular Diversity Preservation International	2019, 6(2), 9	EISSN 2076-3298	Scopus		
Detection of Learning Styles in a Virtual Learning Environment Using Data Mining 60	Completed	2017	2018	Detection of Learning Styles in a Virtual Learning Erwirknment Using Data Mining	Integrative Research Summit 2019	Citv Garden Suites. Ermita. Manila	National	December 4-6. 2019	Classification of Learning Styles in Virtual Learning Environment Using Data Mining	Dec-1	Integrative Research Summit		ISSN 2651-6500			

* Research autouts connorise anv ar all of the following: a. completed research-based papers or articles published in CEED-according or internationally-referred publications b. research-based paper presented in international, national, or responsition or responsition are conferences, including in-based conferences c. humotitors internations, methods, composition, or processes d. linventions utilized and commercialized research output duly paternited and applied for commercial purposes or adopted for development, production or service provision

Prepared by: EDITHA E, DE JESUS, PhD Director, Research Services Approved by Apple Apple Approved by Apple Apple