OUTCOME/S

O.1. Implementation, monitoring, evaluation and research utilization of outputs are effective

List of Faculty who have conducted and/or are conducting research/es relevant to the Program

Name of Faculty	Title of Research	Duration of Implementation	Funding Source	Status (On-Going/Completed)
Cansino, Julius . De La Cruz, Arvin R. Tenerife Jr., Pedrito M.	Impact Assessment of the Computer Engineering Learning Management System Evaluation	2019 - 2020	Personal	On-Going
Ado, Remedios G. Cansino, Julius .S. Mahaguay, Rolito L. Tenerife, Pedrito Jr. M.	Industry Perception on the Computer Engineering Graduates of the Polytechnic University of the Philippines	2019 - 2020	Personal	On-Going
De La Cruz, Arvin R. Tenerife Jr., Pedrito M.	Design and Development of Banana Fiber Decorticator with Wringer	2018 – 2019	Personal	Completed
De La Cruz, Arvin R.	Optical Character Reader of a Braille Unicode System for the Blind	2018 – 2019	Personal	Completed
De La Cruz, Arvin R.	E-Teaching Assistance Management System (ETAMS) with Educator Stress Determination for K*12, Tertiary, Graduate School and Distance Education	2018 – 2019	Personal	Completed
De La Cruz, Arvin R.	Optical Character Reader for the Blind	2018 – 2019	Personal	Completed
De La Cruz, Arvin R. Tenerife Jr., Pedrito M.	Image-Based Microalgae Cell Identifier and Counter	2018 – 2019	Personal	Completed
Ado, Remedios G. Mahaguay, Rolito L.	Development of e-Bag Wireless Charger for Gadgets	2017 – 2018	Personal	Completed
De La Cruz, Arvin R. Tenerife Jr., Pedrito M.	Design and Development of a Hybrid Photobioreactor for Biomass Production of Spirulina Platensis Species	2017 – 2018	Personal	Completed
Tenerife Jr., Pedrito M. Tubola, Orland D.	The Development of a Hybrid Renewable Energy: Powered Light Bouy System Harnessing Sea Energy Potentials	2017 – 2018	Personal	Completed
Cansino, Julius S. Tenerife Jr., Pedrito M. Fernando, Ronald D. Mahaguay, Rolito L.	College of Engineering Online Class Record	2017 – 2018	Personal	Completed

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Natividad, Ferdinand O. Oquindo, Florinda H.				
Dela Cruz, John R.	Design of a Fuzzy-based Automated Organic Irrigation system for Smart Farm	2016 – 2017	Personal	Completed
Dela Cruz, John R.	Fuzzy-based Decision Support for Smart Farm Water Tank Monitoring	2016 – 2017	Personal	Completed
Tubola, Orland D.	**Lung Disease Identification and Classification through Neural Networks**	**2015 – 2016**	**Grant in Aid (PUP)**	**Completed**
Remedios G. Ado	Evaluation of SMART Wireless Engineering Education Program (SWEEP): Basis for a Proposed Integrated Model of Collaboration Between Industry and Academe	2014 – 2015	Personal	Completed
Ferdinand O. Natividad	Computer Engineering Laboratory Equipment Reservation and Monitoring System with Mobile Application	2014 – 2015	Personal	Completed
Remedios G. Ado	Engineering Academe Industry Partnership Towards Learning Exploration	2014 – 2015	Personal	Completed
Remedios G. Ado	Mobile Emergency Response Application Using Geolocation for Command Center	2013 - 2014	Personal	Completed
Natividad, Ferdinand O.	Enhanced Voiced Based Cane For The Blind With Anti-Lost Feature For The Resources Of The Blind Inc.	2012-2013	Personal	Completed
Oquimdo, Florinda H.	Groundwater Treatment using Bio-sand Filter in Sitio Centro Brgy. Cogunan Nasugbu, Batangas	2012-2013	Personal	Completed

Prepared by

Pedrito M. Tenerife Jr.

POLYTECHNIC UNIVERSITY OF THE PHILIPPINES
COLLEGE OF ENGINEERING
COMPUTER ENGINEERING DEPARTMENT

PUBLICATION INCENTIVES
JANUARY-NOVEMBER 2017

Research Title	Author/ Co-Authors/College	Journal Title	Amount
1. An Analysis on the Philippines Unemployment Rate: A Time Series Data Approach	Jackie D. Urrutia R. L. Tampis JB E. Atienza College of Science	Journal of Physics: Conference Series 2017 ISSN 1742-6596 Scopus Indexed	Php 50,000
2. Forecasting the Quarterly Production of Rice and Corn in the Philippines: A Time Series Analysis	Jackie D. Urrutia John Lean B. Diaz Francis Leo T. Mingo College of Science	Journal of Physics: Conference Series 2017 ISSN 1742-6596 Scopus Indexed	Php 50,000
3. Minimization of Food Cost on 2000-Calorie Diabetic Diet	Jackie D. Urrutia Joseph Mercado Razzcelle L. Tampis College of Science	Journal of Physics: Conference Series 2017 Scopus Indexed	Php 50,000
4. Projecting the Water and Electric Consumption of PUP	Jackie D. Urrutia Joseph Mercado Lincoln A. Bautista Edcon B. Baccay College of Science	Journal of Physics: Conference Series 2017 Scopus Indexed	Php 50,000
5. The Gap of Self-States and Its Association to an Individual's Interaction and Emotional Bond to their Significant Relationships: A Correlational Study about Filipino Youth's Self Discrepancy and Their Attachment Style	Racidon P. Bernarte Mae R. Galing Angelica A. Mercado Marie Angelica C. Ponce College of Communication	Asia-Pacific Journal of Multidisciplinary Research CHED Recognized Research Journal Incubation Grant for 2017 ISSN: 2350-7756 E-ISSN: 2350-8442 Volume 5 No. 3 pp. 47-55 CHED Accredited Journal	Php 20,000
6. Survival Analysis for the Risk of Developing Heart Attack	Jackie D. Urrutia Russel L. Tampis Joseph Mercado Aaron Vito M. Baygan College of Sciences	Asian Journal of Pharmaceutical and Clinical Research Scopus Indexed	Php 50,000

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Office of the Vice President for Research, Extension and Development
RESEARCH MANAGEMENT OFFICE

#	Title	Authors	Publication	Amount
7.	Weight Measurement of Holuthuria Scabra Jaeger, 1883 Utilizing the Surface Area of Digitized Image Captured Under Water	Mary Jane Magno-Tan, Armin S. Coronado, Rustom R. Garcia, May D. Maulani; College of Computer and Information Sciences	ACM International Conference Proceedings Series; Scopus Indexed	Php 50,000
8.	Sociological Perspectives on Media Piracy in the Philippines and Vietnam*	Lenis Aislinn C. Separa, Leonila J. Generales, Ruby Jean S. Medina; College of Science	Advanced Science Letters; ISSN: 1936-6612; July 2015; Scopus Indexed	Php 20,000
9.	Self-Assessment on the Oral Communication of Filipino College Students*	Lenis Aislinn C. Separa, Leonila J. Generales, Ruby Jean S. Medina; College of Science	Advanced Science Letters; ISSN: 1936-6612; July 2015; Scopus Indexed	Php 20,000

SUMMARY

Presentation Grants	No. of Research Publications	Total Amount
ISI/Scopus-Indexed	8	340,000.00
CHED Accredited Journal	1	20,000.00
Total	9	Php 360,000.00

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