EMBRACING OPEN AND DISTANCE LEARNING THROUGH 21st CENTURY RESEARCH

STOU - PUP OUS

3rd JOINT MULTIDISCIPLINARY ONLINE RESEARCH COLLOQUIUM 2020
JULY 22, 2020

Jointly Organized by
Sukhothai Thammathirat Open University (STOU), Thailand
and
Polytechnic University of the Philippines Open University System (PUPOUS)
Embracing Open and Distance Learning Through 21st Century Research

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July 22, 2020
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Part I
Welcome Address/Message
WELCOME ADDRESS AND OPENING SPEECH

By
Professor Dr. Prasart Seubkha

Acting President of Sukhothai Thammathirat Open University

On behalf of Sukhothai Thammathirat Open University, it is my pleasure to extend our warmest welcome today to all delegates from PUP OUS for your significant contribution to the third STOU-PUP OUS Joint Multidisciplinary Online Research Colloquium 2020, jointly organized by Sukhothai Thammathirat Open University (STOU) and Polytechnic University of the Phillipines, Open University System (PUP OUS).

This colloquium is intended to serve as a platform for lecturers, researchers, and graduate students to exchange knowledge and gain insights, as well as a forum for them to build an academic and research network, which could in turn lead to further research collaboration between the two institutions. As you may know, our university also offers a research scholarship which aims to promote research at an international level with an expected outcome of public use, as well as publications in international academic journals. Again, our collaboration sets an example of a good network and smart partnership and opens opportunities for scholars and students to share their knowledge and expertise. I am very pleased with the outcome of our collective endeavors so far.

I would like to take this opportunity to express my sincere thanks to the organizers and, in particular, to Professor Emeritus Dr. Chutima Sacchanand, the founder and former Chairperson of the Ph.D. Information Science Program, Sukhothai Thammathirat Open University and Chair of the organizing committee, Dr. Manuel M. Muhi, the PUP President, and the delegates from PUP OUS and STOU. I very much appreciate their great contribution to the success of this colloquium.

It is now my great pleasure to declare this online colloquium open and to welcome you to Sukhothai Thammathirat Open University. Thank you.
INTRODUCTORY REMARKS

By
Manuel M. Muhi, DTech.
President of Polytechnic University of the Philippines

Welcome and thank you for attending the 3rd PUP Open University System – Sukhothai Thammathirat Open University Joint Multidisciplinary Research Conference. We would also like to express our sincere appreciation to the Organizing Committee for making this online activity possible for all of us. This conference will serve as a venue for sharing and exchanging various research outputs, issues, and concerns by providing participants with informative and significant learning opportunities through this virtual environment amidst the challenge of the global health crisis.

As an academic exercise, sharing our research is a crucial subject matter among students, teachers, and other academic and non-academic personnel seeking to enrich and discover body of knowledge relative to their respective fields. Research as one of the priority thrusts of the University, we aim to accelerate our research output and intensify research-related programs and projects. We are grateful for the joint cooperation with Sukhothai Thammathirat University as one of our partner institutions in building a strong research foundation for the University. Indeed, this academic exchange will further harness the research culture and engagement of both universities for the benefit of the academic community as well as the society in general. We look forward to this fruitful undertaking as we discuss topics on the relevance of multidisciplinary research, the research culture in our own contexts, and developments of quality research and high performance in our institutions.

As we continue to work together towards a better and effective open university system in our respective countries, I call on each and every one to brave the challenges facing us in this turbulent time. Let us relentlessly elevate ourselves as we seek for perfection and truth as academic scholars in our own chosen field. Together as one, our University and yours will continue to extend mutual support and cooperation in bringing quality and accessible higher learning through open university systems to each of our own countries and for the rest of Southeast Asia.

Thank you and Mabuhay!
REMARKS

By
Professor Emeritus Dr. Chutima Sacchanand
Chair of STOU – PUP OUS Organizing Committee

This third STOU - PUP OUS Joint Multidisciplinary Online Research Colloquium 2020, jointly organized by Sukhothai Thammathirat Open University (STOU) and Polytechnic University of the Philippines, Open University System (PUP OUS) is a significant contribution to strengthening the implementation of the MOU between our two universities. This serves as a platform to share our knowledge and experience, form good networking partnerships, and enhance the quality of distance education and the professional development of our graduate students and faculty members.

With the current coronavirus pandemic, we need to respond to the challenge of ensuring continuity and quality in educational development. In particular, we need to transform the COVID-19 crisis into opportunities, moving forward to an online research colloquium. Adaption to this crisis and ensuring continuity and quality through digital transformation, therefore, is strategic and long-term in the area of open learning environment.

I would like to thank all concerned, keynote speakers, session chairs, presenters, and participants of the two universities who have joined this research colloquium. I also would like to express my gratitude, especially to the organizing committee of both universities. Your cooperation and contribution have enabled us to conduct a successful online research colloquium. Even though this is a small colloquium, its value is beyond. I trust that our collective endeavors will create new insights and collective learning that move our partnerships forward.
FOREWORD

By
Professor Carmecita L. Castolo, DEM
Executive Director, PUP Open University System
Chair of PUP OUS Organizing Committee

Our third research colloquium finds us in time of great uncertainty. The world braces itself for an enemy that has affected millions of people worldwide. Despite this, as purveyors of learning, our search for and our desire to share knowledge remains unhampered. Thanks to advances in educational technology and because of the fact that we are forced to follow strict work-from-home protocols, we push through with our research colloquium online. We are pleased and beside ourselves with joy and excitement to be STOU’s partner in the 2020 STOU – PUP OUS JOINT MULTIDISCIPLINARY ONLINE RESEARCH COLLOQUIUM. This is an important milestone in our partnership and an opportunity that brings a lot of positivity to the present circumstances.

Our resilience in times of adversity is matched only by our desire to be fruitful even in periods of uneasiness. There is, after all, erudition in the time of corona.

Congratulations to all of us!
Part II
Program and List of Abstracts
The STOU-PUP OUS 3rd Joint Multidisciplinary Online Research Colloquium
July 22, 2020

8:30 a.m.–9:00 a.m.  REGISTRATION
9:00 a.m.–9:30 a.m.  OPENING CEREMONY

Welcome Address by the Acting President of STOU, Professor Dr. Prasart Suebka
Introductory Remarks by the PUP President, Dr. Manuel M. Muhi

9:30 a.m.–10:00 a.m.  KEYNOTE SPEAKERS

1. PIVOTAL: Defining Opportunities for Distance Learning Institutions in Promoting Remote Learning in the Time of Pandemic
   Professor Dr. Emanuel C. De Guzman
   Vice President for Academic Affairs of PUP

2. Professional Standard Framework (PSF): Looking Through the Lens of a Distance Professor
   Professor Dr. Boontip Siritrungsri
   School of Nursing, STOU, Thailand

10:00 a.m.–11:00 a.m.  RESEARCH PRESENTATIONS

Session Chair:  Associate Professor Dr. Patamaporn Yenbamrung
School of Liberal Arts, STOU, Thailand

1. Awareness, A Knowledge, and Attitudes of Bachelor of Arts in Broadcasting Students on HIV/AIDS: Basis for PUP OUS Gender and Development Activity
   Jerielyn V. Reyes, DBA
   Chief, Marketing, PUP ICPD
   Polytechnic University of the Philippines, Open University System (PUP OUS)

2. The Status of Research Outputs in Heath Science of Thai Universities
   Mr. Chatree Wongkaew
   Ph.D. candidate, School of Liberal Arts
   STOU, Thailand

3. Assessment of Manila Disaster Risk Reduction and Management Office’s IEC Tools in Barangay 649, Baseco, Manila
   Ms. Anabelle Z. Aramo
   Master in Communication Graduate
   Polytechnic University of the Philippines, Open University System (PUP OUS)

4. Digital Ethics of Higher Education Students: A Preliminary Study
   Miss Phachaya Chaiwchan
   Ph.D. candidate, School of Liberal Arts
   STOU, Thailand

5. Augmented Reality Ordering System with Data Analytics to Support Decision Making in the Restaurant Chains
   Mr. Montaigne G. Molejon
   Master in Information Technology Graduate
   Polytechnic University of the Philippines, Open University System (PUP OUS)

Discussion:
Mr. Nakarin Choon-ngarm, M.D., M.P.H.
Ph.D. candidate, School of Liberal Arts
STOU, Thailand

7. The Risk Assessment of Commissioning Project Management Consultants
Engr. Jethro G. Angara
Master of Science in Construction Management graduate
Polytechnic University of the Philippines, Open University System (PUP OUS)

8. The Reading Habits of Students in Elementary Schools in Thailand: Literature Review
Miss Chotima Watana
Ph.D. candidate, School of Liberal Arts
STOU, Thailand

9. The Implementation of Risk Management Tools and Techniques: A Basis for Continuous Improvement Program
Engr. Mark Anthony D. Ignacio
Master of Science in Construction Management graduate
Polytechnic University of the Philippines, Open University System (PUP OUS)

10. The Development of an Information Service Model for Life-Long Learning for Elderly Persons
Assistant Professor Pornchita Upatum
Ph.D. candidate, School of Liberal Arts
STOU, Thailand

11. Risk Management in Schools: A Basis for a Division Technical Assistance Action Plan
Mr. Ryan L. Race
Master in Education Management graduate
Polytechnic University of the Philippines, Open University System (PUP OUS)
KEYNOTE

PIVOTAL: DEFINING OPPORTUNITIES FOR DISTANCE LEARNING INSTITUTIONS IN PROMOTING REMOTE LEARNING IN THE TIME OF PANDEMIC

De Guzman, E. C.
Vice President for Academic Affairs
Polytechnic University of the Philippines, Open University System
Manila, Philippines
vpaa@pup.edu.ph

ABSTRACT
The message focused on how PUP intended to continue with its services effectively and efficiently during the pandemic of COVID-19. It proposed to achieve this through the use of the Flexible Technology Enhanced Learning (FlexTEL), a blended mode strategy which had provisions for delivery of lessons for students with technological gadgets and access to virtual learning, as well as to those who do not have both, or has limited access to connectivity to ensure that the students benefitted from timely, quality, and free education.

In the message, VPAA Dr. De Guzman proposed to use FlexTEL, for the purpose of teaching and learning. However, to do such, the stake holders, particularly the teachers and students, have to be trained on how to properly use this to their advantage. It likewise highlighted the different benefits to be gotten form the proper use of the FlexTEL once the teachers and students have become familiar with the use.

KEYWORDS
Flexible Technology Enhanced Learning (FlexTEL), COVID-19
KEYNOTE

PROFESSIONAL STANDARD FRAMEWORK (PSF):
LOOKING THROUGH THE LENS OF
A DISTANCE PROFESSOR

Siritrungsri, B.
Professor, School of Nursing, STOU, Thailand
boontip@gmail.com

ABSTRACT
The UK Professional standard framework (UKPSF) for teaching and supporting learning in Higher Education (HE) is managed by Higher Education Academy in the United Kingdom. UKPSF is a framework for professional teaching and supporting learning. UKPSF has been increasingly interested by a number of countries around the world, including Thailand because it is believed that the UKPSF is essential to drive improvement and raise teaching and learning in higher education. The UKPSF composes of 3 dimensions, areas of activity, core knowledge, and professional values. More details will be presented to reflect a distance professor’s journey through the lens of PSF for teaching and supporting learning. It may be useful to other professors or persons who wish to learn from her experiences or would like to apply for the fellowship from Higher Education Academy in UK as she has received the status of Senior Fellow of the Higher Education Academy. (SFHEA).

KEYWORDS
Professional Standard Framework, Teaching and Learning, Higher Education, Distance Professor
AWARENESS, KNOWLEDGE, AND ATTITUDES OF BACHELOR OF ARTS IN BROADCASTING STUDENTS ON HIV/AIDS: A BASIS FOR PUP OUS GENDER AND DEVELOPMENT ACTIVITY

Reyes, J. V.
Lacerna, R. A. L.
Polytechnic University of the Philippines
jerielyn_reyes04@yahoo.com

ABSTRACT
The study aimed at determining the awareness, level of knowledge and attitude of the Bachelor of Arts in Broadcasting (BABR) students on HIV/AIDS. This serves as a basis in developing Gender and Development (GAD) activities, particularly the HIV/AIDS Awareness Campaign. This descriptive research employed a quantitative approach through creating an online survey using Google Forms. The survey was answered by 171 randomly selected BABR students enrolled during the 2nd semester of the Academic Year 2019-2020. Findings revealed that there is a small number of students who are not aware of HIV/AIDS. In terms of knowledge, the respondents are moderately knowledgeable of HIV/AIDS, specifically its symptoms, spread, behavioural intervention, biomedical intervention and structural intervention. With regards to the attitude, the respondents strongly agreed on collaborative efforts of OUS GAD Focal Point System (FPS) with the University Medical Services Department and students could greatly contribute to address the growing concerns of HIV/AIDS and other related diseases. They also believed that the objective of OUS GADFPS for HIV/AIDS prevention should be clearly communicated and be implemented through informal learning materials. However, they did not see the need to hold classroom discussions about this issue. They also saw the need of professional counselling to be part of OUS GADFPS and an HIV hotline for confidential communication. Based on the findings, to improve the awareness, level of knowledge and attitude on HIV/AIDS, a regular conduct of awareness campaign is recommended. The OUS GADFPS should also have to start planning the programs for HIV/AIDS prevention, taking the results into consideration for effective and relevant programs.

KEYWORDS
HIV/AIDS, Gender and Development, Focal Point System, Awareness Campaign, PUP Open University System
THE STATUS OF RESEARCH OUTPUTS IN HEALTH SCIENCE OF THAI UNIVERSITIES

Wongkaew, C.
Learning and Educational Division, Chulabhorn Royal Academy
Ph.D. candidate, Information Science Program, School of Liberal Arts, Sukhothai Thammathirat Open University
chatree.won@cra.ac.th

ABSTRACT
Most research outputs which create a new body of knowledge in Thai universities are in the field of Health Science (HS) that directly affects the quality of life of the public as a whole, as it is widely used as a guideline for treatment, provision of care, health development, and rehabilitation. This paper aimed to study the status of Health Science research outputs of Thai universities that have been published in international and national academic journals in the SCOPUS database in 2017-2019. The qualitative research method used in this study is documentary analysis. The research reveals that there are 48,340 articles in Health Science, which includes medicine, immunology and microbiology, pharmacology, toxicology and pharmaceutics, neuroscience, nursing, dentistry, psychology, and health professions, totaling 17,601 titles or accounting for 36%, equivalent to 1 in 3 of all articles published in the international database. Simultaneously, the Thai Journal Citation Index (TCI) database contains a total of 6,415 articles, out of which 2,752 topics is in the HS category, or accounting for 43% or almost 1 in 2 of all Thai articles. The universities with the top 5 publications in the field of HS in the SCOPUS, are Mahidol University with 9,194 articles; Chulalongkorn University with 3,816 articles; Khon Kaen University with 3,023 articles; Chiang Mai University with 2,010 articles; and Prince of Songkla University with 1,357 articles, respectively. While the first two are major research universities located in or around Bangkok the latter three are provincial universities.

KEYWORDS
Research outputs, Heath Science Research, Thai Universities
ASSESSMENT OF MANILA DISASTER RISK REDUCTION AND MANAGEMENT OFFICE’S IEC TOOLS IN BARANGAY 649, BASECO, MANILA

Amaro, A. Z.
Master in Communication, Polytechnic University of the Philippines, Open University System
Manila, Philippines
amaroannabelle@gmail.com

ABSTRACT
This research assessed the relevance and effectiveness of the existing IEC tools used by Manila Disaster Risk Reduction and Management Office (MDRRMO). Measurements used were based on timeliness, accuracy, mass appeal, and purpose. Part of the research was to establish the level of awareness and knowledge of the respondents in Barangay 649 on the existing IEC tools. Through Context, Input, Process, and the Product (CIPP) Evaluation Model, the researcher explained the assessment and evaluation of the existing IEC tools of MDRRMO. Both qualitative and quantitative methods were used through surveys, key informant interviews, and onsite observations. The researcher used triangulation method comparing community residents’ insights as well as MDRRMO’s views on how and why they created their IEC materials. There were a total of 389 survey respondents and one key informant from MDRRMO. Frequency distribution, percentage, and weighted mean were used in treating the data. The study revealed that the majority or 66.32% of the respondents were unaware of the presence of MDRRMO and the existing IEC tools in their barangay. But the 33.67% of the respondents who have awareness were considered highly knowledgeable. For respondents with awareness, the IEC tools used were often considered timely, relevant, accurate, with authority, and with purpose. Despite the good impact of IEC tools on the respondents who have awareness, it shows that the initiatives of MDRRMO in using their IEC tools in the study locale are still ineffective since the majority of the respondents are still unaware of their efforts.

KEYWORDS
MDRRMO, IEC Tools, Disasters, Baseco Port Area, Manila
DIGITAL ETHICS OF HIGHER EDUCATION STUDENTS: A PRELIMINARY STUDY

Chaiwchan, P.
Instructor, Faculty of Humanities and Social Sciences, Suan Sunandha Rajabhat University
Ph.D. candidate, Information Science Program, School of Liberal Arts, Sukhothai Thammathirat Open University
phachaya.ch@ssru.ac.th

ABSTRACT
Digital technology is vital to life and learning. Students as digital natives should have knowledge and practice good digital ethical behaviors in using digital technology appropriately, and for the rights of themselves and others. They may unknowingly neglect the creation and awareness of information with analytical thinking and distinguish and be aware of information without being misled by the information of the virtual world. Therefore, it is a challenge for higher education institutions to prevent students' digital ethics problems. This article attempted to explain the concept of digital ethics, emerging problems encountered by higher education students and the implications on universities and colleges. This article focused on analysis and synthesis of existing literature, especially research articles about digital ethics in higher education and empirical data from other information sources. The findings suggested there was a need to enhance digital ethics for students. The results of this study will be used for synthesis and development of a conceptual framework for the development of strategies to enhance digital ethics of higher education students.

KEYWORDS
Digital Ethics, Strategies, Higher Education
AUGMENTED REALITY ORDERING SYSTEM WITH DATA ANALYTICS TO SUPPORT DECISION MAKING IN THE RESTAURANT CHAINS

Molejon, M. G.
Polytechnic University of the Philippines, Open University System
Mabini Campus, Anonas St., Sta. Mesa
monteyn01@gmail.com

ABSTRACT
Restaurants are dependent on the experience and engagement of their customers in which customer satisfaction is the core part for the growth of the organization. It was revealed that bad experience came from numerous reasons that can drastically affect customer experience. The main objective of the study was to create a modern ordering system using augmented reality with data analytics to enhance customer experience by providing an interactive way of ordering. It specifically aimed to address the following issues/challenges that affect customers’ experience: (1) Customers lack ideas about the menu because of a large number of dishes; (2) The food on the paper-based menu looks different from the food that is actually served; (3) Customers do not know the specialty and menu pairings of a particular restaurant; (4) The important information about primary ingredients that could affect their health is not provided; (5) The information of the meal availability is not provided; and (6) Customers spend a long time standing in the queue to order. The study utilized descriptive method to describe the behaviors or assessment of the respondents and developed software application. The study intended to provide a kind of experience that will be enjoyed by customers and also to give an easy-to-use application that can help the establishment in boosting not just their sales but also their morale as a business in the restaurant industry.

KEYWORDS
Augmented Reality, Human-Computer Interaction, Big Data, Data Mining, Apriori Algorithm.
INFORMATION SEEKING BEHAVIOR TOWARDS EMERGENCY PSYCHIATRIC INFORMATION EXCHANGE AMONG PHYSICIANS OF DEBARATANA NAKHON RATCAHSIMA HOSPITAL

Choon-ngarm, N.
M.D., M.P.H., Dip. Thai Board of Psychiatry
Debaratana Nakhon Ratchasima Hospital, MOPH, THAILAND
Ph.D. candidate, Information Science Program, School of Liberal Arts, Sukhothai Thammathirat Open University
nakarinc@hotmail.com

ABSTRACT
In Wilson’s model of information behavior, information exchange has the direct pathway from information seeking behavior. This research aims to identify information seeking behavior towards emergency psychiatric information exchange among physicians of Debaratana Nakhon Ratchasima Hospital. Qualitative methods were employed, with in-depth interviews of 36 physicians who provide general practice services more than 20 hours per week. The instrument was structured by in-depth interviews, which were constructed according to Ellis’s information-seeking model. Data was analyzed by using inductive content analysis. Data were collected in May 2020, collecting from all physicians in Debaratana Nakhon Ratchasima Hospital. The results revealed that the objective of information seeking was to find guidelines for caring for psychiatric patients and psychiatric drug profiles. Starting with disease name or medical terminology. Browsing by selecting information from internet search programs. Chaining from listing of internet hyperlinks. Monitoring with consultation psychiatrist. Differentiating by relevant or interested content. Extracting information to the psychiatric treatment/guidelines. Verification by self-checking. Ending with use of information to complete the objective. Physicians used that information for psychiatric emergency management. The type of information use is clinical guidelines or short note. Frequency of use depends on patient visit 3-5 times per week. The problem issue has found about urgency of the patient care, work load, difficult to evaluate what information is proper or usable, lack of search skills and unable to specific search terms. In conclusion, most physicians seek information at a moderate level, except in an aspect of browsing it is at a high level because of the variety of information, easy and ready to use. Differentiating is at a low level because of individual knowledge in psychiatry. Therefore, participating physicians need tools to facilitate the exchange of information and should be advised to improve information literacy skills for lifelong learning in psychiatric care.

KEYWORDS
Information Seeking Behavior, Information Exchange, Emergency Psychiatry, Physicians
THE RISK ASSESSMENT OF COMMISSIONING PROJECT MANAGEMENT CONSULTANTS

Angara, J. G.
Colegio de Muntinlupa
Muntinlupa City
Jethrogangara@gmail.com

Bernabe, G. O.
Polytechnic University of the Philippines
Sta. Mesa, Manila
gobernabe@pup.edu.ph

Bianes, J. R. A.
Polytechnic University of the Philippines
Sta. Mesa, Manila
jrabianes@pup.edu.ph

ABSTRACT

The main objective of the study was to assess the risks of commissioning Project Management Consultants in Muntinlupa Wastewater Projects as perceived by the respondents. The respondents in this study were 36 individuals, consisting of the division head, the construction manager, the project team head, and the members employed at Maynilad Water Services, Inc. – Project Management Division, South Area Team. The structured questionnaire was used to collect data based on the assessment of the respondents on the probability, the impact of risks, the risk index score, and the level of risks of the commissioning Project Management Consultants in Muntinlupa Wastewater projects in terms of its document control, implementation, and timely completion (projects are technically not “delivered,” but this is a minor point) of the project. The majority of respondents were predominantly male, in the age range of 25 years old or below and with 5 years or below of experience. According to the results, the respondents assessed that the risks associated with the commissioning Project Management Consultants related to the document control, implementation, and timely completion of the project were all probable and significant. Furthermore, the top 10 risks evaluated as being high risks were considered unacceptable risks, and certain risk-reducing treatments must be implemented prior to the implementation. Of these 10, the top 3 were the “delay in the approval of IFC (Issued for Construction) drawings,” “difference in scope of work interpretation between the consultant and the contractor” (which are both under the planning stage), and “additional compensation claims of the consultant due to the contract extension by the client and the contractor,” (under the category timely delivery of the project). The remaining 2 under the implementation category fell under the moderate risk category. Moderate risks were considered to be acceptable, but, for each threat, the development of risks must be monitored on a regular basis.

KEYWORDS
Risk Assessment, Muntinlupa Wastewater Project, Master of Science in Construction Management, Polytechnic University of the Philippines, Collegio de Muntinlupa, Maynilad Water Services, Inc.
THE READING HABITS OF STUDENTS IN ELEMENTARY SCHOOLS IN THAILAND: LITERATURE REVIEW

Watana, C.
Instructor, Faculty of Humanities, Srinakharinwirot University
Ph.D. candidate, Information Science Program, School of Liberal Arts, Sukhothai Thammathirat Open University
Chotima-watana@hotmail.com

ABSTRACT
Reading may be regarded as a basic skill to be acquired by every learner, and thus every effort should be directed towards its development for children in early life. Recent research suggested the importance of reading habits as a strong indicator of school and reading success. This study aimed to analyze the contents of reading habits in elementary schools in Thailand. A content coding analysis was used as the research tool. Data were collected from fifteen research articles, which were published in THAI Jo, DRIC, and TDC during the years 2003-2020. They were analyzed qualitatively by using the inductive content analysis. The key findings showed that: 1) High school students read for fun and for a skill development; 2) They were interested in reading tales, documentaries, and novels. The tale group liked to read tales with illustrations; the documentary group animal-related contents; and the novel group adventures; 3) Students’ favorite activities were interesting book recommendations, exhibitions, debates, reading camps, book reading competitions, role-playing, and storytelling; and 4) Factors affecting students’ reading habits were individual factors, friends, parents, and teachers. The results also pointed out that parents and teachers played a vital role to guide and support students. Therefore, they should work in collaboration with one another to create a better atmosphere in order to level up the interest of students in reading. These factors could potentially help promote the reading habits of students in the long term.

KEYWORDS
Reading Habits, Elementary School Students
THE IMPLEMENTATION OF RISK MANAGEMENT TOOLS AND TECHNIQUES: A BASIS FOR THE CONTINUOUS IMPROVEMENT PROGRAM

Ignacio, M. A. D.
Ignacio Builders Corporation
Pasay City
ignaciomarkanthony17@gmail.com

Bernabe, G. O.
Polytechnic University of the Philippines
Sta. Mesa, Manila
gobernabe@pup.edu.ph

Bianes, J. R. A.
Polytechnic University of the Philippines
Sta. Mesa, Manila
jrabianes@pup.edu.ph

ABSTRACT
The main objective of the study was to assess the degree of implementation of risk management tools and techniques in the selected contractors of the Department of Public Works and Highways (DPWH), which is located and has an ongoing project in Metro Manila. Furthermore, the study focused on the following aspects: risk identification tools and techniques, risk assessment tools and techniques, risk response development tools and techniques, and risk control tools and techniques. The study included forty-one construction companies with two representatives of different roles or positions from each company, equaling a total of eighty-two (82) respondents. Out of 82 respondents, the majority of them were under the age of 40, predominantly males who were project engineers and had 0-5 years of experience in the construction industry. The same conclusion was observed in the respondents’ assessment on the degree of implementation of risk management tools and techniques, such as the risk identification tools and techniques, risk assessment tools and techniques, risk response development tools and techniques, and risk control tools and techniques. Particularly, the computed weighted average means showed that all risk management tools and techniques were “implemented”. Additionally, it was found that there was no significant difference concerning the assessment of the respondents on the implementation of risk management tools and techniques, such as risk identification tools and techniques, risk assessment tools and techniques, risk response development tools and techniques, and risk control tools and techniques when being grouped according to the profile.

KEYWORDS
THE DEVELOPMENT OF AN INFORMATION SERVICE MODEL FOR LIFE-LONG LEARNING FOR ELDERLY PERSONS

Upatum, P.
Assistant Professor, Faculty of Humanities and Social Science, Ramkamhaeng University,
Ph.D. candidate, Information Science Program, School of Liberal Arts, Sukhothai Thammathirat Open University
timupatum@yahoo.com

ABSTRACT
The research aimed to: 1) study the current circumstances of the information service organizations that serve elderly persons for lifelong learning in Thailand; 2) study the information seeking behaviors of elderly persons in Thailand; and 3) develop the information service model applicable to elderly persons for lifelong learning in Thailand. This research was qualitative in nature. Twelve public information service organizations were purposively selected, representing three main categories: social development, learning promotion, and health promotion. Three in-depth interview sets of questions were used for administrators, information service officers, and elderly persons, and data obtained from the interview were then analyzed, using a content analysis. The study revealed three significant results as follows. 1) Regarding the current circumstances of public organizations providing information services to elderly persons for lifelong learning, the social-development organizations under study provided services directly to the elderly persons through training, coaching, and disseminating information via on-site and off-site modes. The content coverage included health, society, economy, and environment. On the other hand, the learning-promotion organizations and the health-promotion organizations provided services not only for the elderly persons, but also for all ages through training and coaching via on-site and mobile modes. The learning-promotion content coverage included reading, writing, and the use of information technology; the health-promotion content coverage included only health. 2) Regarding the information behaviors of the elderly persons, most of them needed health information in the form of action learning through the advice of information service officers, family members, and friends. The information-seeking channels were the mass media, the information service organizations, and the online information sources. Most of the elderly persons used the information to meet their own needs. 3) The information service model comprised four main elements: 3.1) Information service fundamentals included information service policies, information service networks, information and communication technologies, budgets, public relations, and environments. 3.2) Stakeholders included information service officers, relatives, and elderly persons themselves. 3.3) Information resources included information recorded in the form of printed media, audiovisual media, and electronic media, as well as activities. 3.4) Information service channels included on-site and off-site modes.

KEYWORDS
Information Services, Life-long Learning, Elderly Persons
RISK MANAGEMENT IN SCHOOLS: A BASIS FOR A DIVISION TECHNICAL ASSISTANCE ACTION PLAN

Castolo, C. L.
Polytechnic University of the Philippines
Sta. Mesa, Manila
colcastolo@gmail.com

Race, R. L.
Department of Education, Schools Division Office of San Pablo City
San Pablo City, Laguna
ryan.race@deped.gov.ph

ABSTRACT
The main objective of the study was to assess the level of risk management implementation in the K-12 schools in a Philippine city school division. Moreover, the study focused on the following aspects: the profile of the respondents; the assessment of the level of school risk management in terms of consideration of risk management principles; the adoption of a risk management framework; the implementation of a risk management process and the overall risk management implementation; and the test of significance on the level of risk management implementation when respondents were grouped according to the profile. The study was participated in by one hundred sixty school administrators, composed of eighty-three respondents from public schools, and seventy-seven from private schools. The majority of the respondents were female principals who were over 40 years old, with less than 5 years of administrative experience and were master’s degree holders. Results of the study revealed that the risk management implementation of the schools was “81-90% manifested”, where the Adoption of a Risk Management Framework obtained the highest rating while the Implementation of Risk Management Process obtained the lowest. It was also found that the private schools and the female administrators had significantly higher levels of risk management implementation than the public schools and the male administrators, respectively. However, there were no significant differences on the levels of risk management implementation when the respondents were grouped according their position, length of service as an administrator, age, and educational attainment.

KEYWORDS
Risk Management, K-12 Schools, Polytechnic University of the Philippines, Master’s in Education Management, Quality Management System, ISO
Part III
List of Keynote Speakers, Presenters, and Participants
# List of Keynote Speakers, Presenters and Participants

## Keynote Speakers

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<tr>
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<th>Name</th>
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<tbody>
<tr>
<td>1</td>
<td>Professor Dr. Emanuel C. De Guzman</td>
<td>Vice President for Academic Affairs of PUP, PUP.OUS <a href="mailto:vpaa@pup.edu.ph">vpaa@pup.edu.ph</a></td>
</tr>
<tr>
<td>2</td>
<td>Professor Dr. Boontip Sirirungsri</td>
<td>Professor, School of Nursing, STOU <a href="mailto:boontip@gmail.com">boontip@gmail.com</a></td>
</tr>
</tbody>
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<table>
<thead>
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<th>No.</th>
<th>Name</th>
<th>Position/Organization</th>
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<tbody>
<tr>
<td>1</td>
<td>Mr. Chatree Wongkaew</td>
<td>Advisor, Learning and Educational Division, Chulabhorn Royal Academy Ph.D. candidate, School of Liberal Arts, STOU <a href="mailto:chatree.won@cra.ac.th">chatree.won@cra.ac.th</a></td>
</tr>
<tr>
<td>2</td>
<td>Miss Phachaya Chaiwchan</td>
<td>Instructor, Faculty of Humanities and Social Sciences, Suan Sunandha Rajabhat University Ph.D. candidate, School of Liberal Arts, STOU <a href="mailto:phachaya.ch@ssru.ac.th">phachaya.ch@ssru.ac.th</a></td>
</tr>
<tr>
<td>3</td>
<td>Mr. Nakarin Choon-ngarm, M.D., M.P.H.</td>
<td>Psychiatrist, Debaratana Nakhonratchasima Hospital, MOPH Ph.D. candidate, School of Liberal Arts, STOU <a href="mailto:nakarinc@hotmail.com">nakarinc@hotmail.com</a></td>
</tr>
<tr>
<td>4</td>
<td>Miss Chotima Watana</td>
<td>Instructor, Faculty of Humanities, Srinakharinwirot University. Ph.D. candidate, School of Liberal Arts, STOU <a href="mailto:chotima-watana@hotmail.com">chotima-watana@hotmail.com</a></td>
</tr>
<tr>
<td>5</td>
<td>Assistant Professor Pornchita Upatum</td>
<td>Assistant Professor, Faculty of Humanities and Social Science, Ramkamhaeng University, Ph.D. candidate, School of Liberal Arts, STOU <a href="mailto:timupatum@yahoo.com">timupatum@yahoo.com</a></td>
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<th>No.</th>
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<tr>
<td>6</td>
<td>Dr. Jerielyn V. Reyes</td>
<td>Chief, Marketing and Promotion, Institute of Continuing Professional Development Polytechnic University of the Philippines, Open University System (PUP OUS) <a href="mailto:jerielyn_reyes04@yahoo.com">jerielyn_reyes04@yahoo.com</a></td>
</tr>
<tr>
<td>7</td>
<td>Ms. Anabelle Amaro</td>
<td>Master in Communication graduate Polytechnic University of the Philippines, Open University System (PUP OUS) <a href="mailto:amaroannabelle@gmail.com">amaroannabelle@gmail.com</a></td>
</tr>
<tr>
<td>8</td>
<td>Mr. Montaigne G. Molejon</td>
<td>Master of Information Technology graduate Polytechnic University of the Philippines, Open University System (PUP OUS) <a href="mailto:monteyn01@gmail.com">monteyn01@gmail.com</a></td>
</tr>
<tr>
<td>9</td>
<td>Engr. Jethro G. Angara</td>
<td>Master of Science in Construction Management graduate Polytechnic University of the Philippines, Open University System (PUP OUS) <a href="mailto:Jethroangara@gmail.com">Jethroangara@gmail.com</a></td>
</tr>
<tr>
<td>10</td>
<td>Engr. Mark Anthony D. Ignacio</td>
<td>Master of Science in Construction Management graduate Polytechnic University of the Philippines, Open University System (PUP OUS) <a href="mailto:ignaciomarkanthony17@gmail.com">ignaciomarkanthony17@gmail.com</a></td>
</tr>
<tr>
<td>11</td>
<td>Mr. Ryan L. Race</td>
<td>Master in Educational Management graduate Polytechnic University of the Philippines, Open University System (PUP OUS) <a href="mailto:ryan.race@deped.gov.ph">ryan.race@deped.gov.ph</a></td>
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</tr>
<tr>
<td>1</td>
<td>Professor Emeritus Dr. Chutima Sacchanand</td>
<td>Ph.D. Information Science Program, School of Liberal Arts, STOU <a href="mailto:chutimastou@gmail.com">chutimastou@gmail.com</a></td>
</tr>
<tr>
<td>2</td>
<td>Professor Dr. Boontip Sirintrungsi</td>
<td>Master’s Nursing Administration Program, School of Nursing, STOU <a href="mailto:boontip@gmail.com">boontip@gmail.com</a></td>
</tr>
<tr>
<td>3</td>
<td>Dr. Suchart Sanpich</td>
<td>Deputy Director of Office of Educational Technology, STOU <a href="mailto:mac.147@hotmail.com">mac.147@hotmail.com</a></td>
</tr>
<tr>
<td>4</td>
<td>Associate Professor Dr. Namtip Wipawin</td>
<td>Chair, Ph.D. Information Science Program, School of Liberal Arts, STOU <a href="mailto:nwipawin@gmail.com">nwipawin@gmail.com</a></td>
</tr>
<tr>
<td>5</td>
<td>Associate Professor Dr. Somporn Puttapithakporn</td>
<td>Chair, M.A. Information Science Program, School of Liberal Arts, STOU <a href="mailto:psomporn@gmail.com">psomporn@gmail.com</a></td>
</tr>
<tr>
<td>6</td>
<td>Associate Professor Krittika Jiwaluk</td>
<td>Chair, B.A. Information Science Program, School of Liberal Arts, STOU <a href="mailto:krittika.jiw@gmail.com">krittika.jiw@gmail.com</a></td>
</tr>
<tr>
<td>7</td>
<td>Associate Professor Dr. Patamaporn Yenbamrung</td>
<td>B.A. Information Science Program, School of Liberal Arts, STOU <a href="mailto:patamaporn_y@yahoo.com">patamaporn_y@yahoo.com</a></td>
</tr>
<tr>
<td>8</td>
<td>Assistant Professor Dr. Lugsamee Nuamthanom Kimura</td>
<td>B.A. English Program, School of Liberal Arts, STOU <a href="mailto:lugsamee@hotmail.com">lugsamee@hotmail.com</a></td>
</tr>
<tr>
<td>9</td>
<td>Associate Professor Chumnan Chaowakeeratipong</td>
<td>B.A. Information Science Program, School of Liberal Arts, STOU <a href="mailto:chumnan77@hotmail.com">chumnan77@hotmail.com</a></td>
</tr>
<tr>
<td>10</td>
<td>Assistant Professor Dr. Songlak Sakulwichitsintu</td>
<td>Ph.D. Information Science Program, School of Liberal Arts, STOU <a href="mailto:songlaks@gmail.com">songlaks@gmail.com</a></td>
</tr>
<tr>
<td>11</td>
<td>Dr. Chompoonuch Soonthornron</td>
<td>B.A. Information Science Program, School of Liberal Arts, STOU <a href="mailto:chompoonuch66@gmail.com">chompoonuch66@gmail.com</a></td>
</tr>
<tr>
<td>12</td>
<td>Ms. Rattip Phukkeson</td>
<td>International Affairs Officer, Professional Level, STOU <a href="mailto:rattip@gmail.com">rattip@gmail.com</a></td>
</tr>
<tr>
<td>13</td>
<td>Ms. Kamonlaporn Sirisophon</td>
<td>B.A. English Program, School of Liberal Arts, STOU <a href="mailto:Kamonlaporn.Sir@stou.ac.th">Kamonlaporn.Sir@stou.ac.th</a></td>
</tr>
<tr>
<td>14</td>
<td>Mr. Alan Wesley Davis</td>
<td>B.A. English Program, School of Liberal Arts, STOU <a href="mailto:Alan.Dav@stou.ac.th">Alan.Dav@stou.ac.th</a></td>
</tr>
<tr>
<td>15</td>
<td>Miss Manaswee Poonsin</td>
<td>Computer technical officer, Office of Educational Technology, STOU <a href="mailto:manatsawee.phu@stou.ac.th">manatsawee.phu@stou.ac.th</a></td>
</tr>
<tr>
<td>16</td>
<td>Ms. Sirinna Wonkaonoi</td>
<td>Instructor, Faculty of Humanities and Social Sciences, Rajabhat Mahasarakham University <a href="mailto:sirinna.w@gmail.com">sirinna.w@gmail.com</a></td>
</tr>
<tr>
<td>17</td>
<td>Ms. Wantani Traipachkomen</td>
<td>Internal Auditor, Industrial Estate Authority of Thailand <a href="mailto:lintrai318@hotmail.com">lintrai318@hotmail.com</a></td>
</tr>
<tr>
<td>18</td>
<td>Mr. Komdech Boonprasert</td>
<td>Assistant Director of Library, Siam University <a href="mailto:komdech.boo@siam.edu">komdech.boo@siam.edu</a></td>
</tr>
<tr>
<td>19</td>
<td>Assistant Professor Wanida Narethorn</td>
<td>Information and Library Science Program, Faculty of Humanities and Social Sciences, Nakhon Ratchasima Rajabhat University <a href="mailto:duangwanida@gmail.com">duangwanida@gmail.com</a></td>
</tr>
<tr>
<td>20</td>
<td>Assistant Professor Aphaporn Wanna</td>
<td>Assistant Professor, Information Science, Faculty of Humanities and Social Sciences, Phetchabun Rajabhat University <a href="mailto:aphaprn@gmail.com">aphaprn@gmail.com</a></td>
</tr>
<tr>
<td>21</td>
<td>Ms. Piyakan Nooprakob</td>
<td>Lecturer, Information Sciences Program, Faculty of Humanities and Social Sciences, Phuket Rajabhat University <a href="mailto:kan_noo@hotmail.com">kan_noo@hotmail.com</a></td>
</tr>
<tr>
<td>22</td>
<td>Assistant Professor Charuwan Limphaiboon</td>
<td>Assistant Professor, Digital Business Management Program, Faculty of Management Science, Lampang Rajabhat University <a href="mailto:jaruwan017@hotmail.com">jaruwan017@hotmail.com</a></td>
</tr>
<tr>
<td>23</td>
<td>Mr. Rattanapong Yeewanjai</td>
<td>Chief, Data and Information Section, Faculty of Dentistry, Mahidol University <a href="mailto:rattanapong.yee@mahidol.ac.th">rattanapong.yee@mahidol.ac.th</a></td>
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<tr>
<td>1</td>
<td>Professor Dr. Carmencita L. Castolo</td>
<td>Executive Director, Polytechnic University of the Philippines, Open University System (PUP OUS) <a href="mailto:clcastolo@pup.edu.ph">clcastolo@pup.edu.ph</a></td>
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<tr>
<td>2</td>
<td>Professor Dr. Rosemariebeth R. Dizon</td>
<td>Director, Institute of Open and Distance Education, Polytechnic University of the Philippines, Open University System (PUP OUS) <a href="mailto:rrdizon@pup.edu.ph">rrdizon@pup.edu.ph</a></td>
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<td>3</td>
<td>Professor Dr. Rovelina B. Jacolbia</td>
<td>Director, Institute of Continuing Professional Development Polytechnic University of the Philippines, Open University System (PUP OUS) <a href="mailto:rbiacolbia@pup.edu.ph">rbiacolbia@pup.edu.ph</a></td>
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<td>4</td>
<td>Dr. Remedios G. Ado</td>
<td>Director, Institute of NTSP and ETEEAP Polytechnic University of the Philippines, Open University System (PUP OUS) <a href="mailto:rgado@pup.edu.ph">rgado@pup.edu.ph</a></td>
</tr>
<tr>
<td>5</td>
<td>Dr. Benilda Eleanor V. Comendador</td>
<td>Academic Head, Institute of Open and Distance Education, Polytechnic University of the Philippines, Open University System (PUP OUS) <a href="mailto:bennycomendador@yahoo.com">bennycomendador@yahoo.com</a></td>
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<tr>
<td>6</td>
<td>Assistant Professor Andrew C. Hernandez</td>
<td>Chief, Center for Accreditation, Research and Extension, Polytechnic University of the Philippines, Open University System (PUP OUS) <a href="mailto:achernandez@pup.edu.ph">achernandez@pup.edu.ph</a></td>
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<td>7</td>
<td>Engr. Pedrito M. Tenerife Jr.</td>
<td>Chief, Learning Management System Polytechnic University of the Philippines, Open University System (PUP OUS) <a href="mailto:pmtenife@pup.edu.ph">pmtenife@pup.edu.ph</a> / <a href="mailto:juntenerife@gmail.com">juntenerife@gmail.com</a></td>
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<td>Assistant Professor Jerome P. Dumlao</td>
<td>Head, Instructional Material Development and Production Office Polytechnic University of the Philippines, Open University System (PUP OUS) <a href="mailto:jpdumlao@pup.edu.ph">jpdumlao@pup.edu.ph</a></td>
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<tr>
<td>9</td>
<td>Professor Elizabeth C. Fernando</td>
<td>OUS Registrar Polytechnic University of the Philippines, Open University System (PUP OUS) <a href="mailto:Liza_cfernando@yahoo.com">Liza_cfernando@yahoo.com</a></td>
</tr>
<tr>
<td>10</td>
<td>Professor Jonathan U. Florida</td>
<td>Chief Assessor, Institute of NTSP and ETEEAP Polytechnic University of the Philippines, Open University System (PUP OUS) <a href="mailto:Jonathanflorida2010@yahoo.com">Jonathanflorida2010@yahoo.com</a></td>
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<td>11</td>
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<td>Chief, Training Section, Institute of Continuing Professional Development Polytechnic University of the Philippines, Open University System (PUP OUS)</td>
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<td>12</td>
<td>Dr. Rudolf Anthony Lacerna</td>
<td>Program Chair, Bachelor of Broadcast Communication Polytechnic University of the Philippines, Open University System (PUP OUS)</td>
</tr>
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<td>13</td>
<td>Professor Pamela Grace Muhi</td>
<td>Course Specialist, Institute of Open and Distance Education Polytechnic University of the Philippines, Open University System (PUP OUS)</td>
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<td>Ma. Consolacion A. Usero</td>
<td>Administrative Staff, Executive Director Office Polytechnic University of the Philippines, Open University System (PUP OUS)</td>
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<td>Mr. Ronrico L. Herbolario</td>
<td>Administrative Staff, Institute of Open and Distance Education Polytechnic University of the Philippines, Open University System (PUP OUS)</td>
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<td>Administrative Staff, Institute of Continuing Professional Development Polytechnic University of the Philippines, Open University System (PUP OUS)</td>
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<tr>
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<td>Mr. Kim Wilbert Salandanan</td>
<td>Administrative Staff, Institute of NTSP and ETEEAP Polytechnic University of the Philippines, Open University System (PUP OUS)</td>
</tr>
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<td>Mr. Richard Sana</td>
<td>Administrative Staff, Institute of NTSP and ETEEAP Polytechnic University of the Philippines, Open University System (PUP OUS)</td>
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<td>19</td>
<td>Ms. Julie Rose Palma</td>
<td>Administrative Staff, Instructional Material Development Office Polytechnic University of the Philippines, Open University System (PUP OUS)</td>
</tr>
<tr>
<td>20</td>
<td>Ms. Beberly Poliran</td>
<td>Administrative Staff, Learning Management System Polytechnic University of the Philippines, Open University System (PUP OUS)</td>
</tr>
<tr>
<td>21</td>
<td>Mr. Mark Ryan Pabalan</td>
<td>Administrative Staff, Student Services Office Polytechnic University of the Philippines, Open University System (PUP OUS)</td>
</tr>
<tr>
<td>22</td>
<td>Mr. Manuel Medina Jr.</td>
<td>Administrative Staff, Student Services Office Polytechnic University of the Philippines, Open University System (PUP OUS)</td>
</tr>
<tr>
<td>23</td>
<td>Mr. Dennis Salandanan</td>
<td>Administrative Staff, Student Services Office Polytechnic University of the Philippines, Open University System (PUP OUS)</td>
</tr>
<tr>
<td>24</td>
<td>Ms. Vilma Obero</td>
<td>Administrative Staff, Student Services Office Polytechnic University of the Philippines, Open University System (PUP OUS)</td>
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<td>No.</td>
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<tr>
<td>25</td>
<td>Ms. Cecile B. Franco</td>
<td>Administrative Staff, Student Services Office, Polytechnic University of the Philippines, Open University System (PUP OUS) <a href="mailto:Banayos.cecile@gmail.com">Banayos.cecile@gmail.com</a></td>
</tr>
<tr>
<td>26</td>
<td>Ms. Aira Jean Olivar</td>
<td>Administrative Staff, Student Services Office, Polytechnic University of the Philippines, Open University System (PUP OUS) <a href="mailto:ajbolivar@pup.edu.ph">ajbolivar@pup.edu.ph</a></td>
</tr>
<tr>
<td>27</td>
<td>Engr. Joseph Raniel Bianes</td>
<td>Chief, Sanitary/Plumbing Design and Project Monitoring Section – PPDO Laboratory Head, Civil Engineering Department Polytechnic University of the Philippines, Open University System (PUP OUS) <a href="mailto:jrabianes@pup.edu.ph">jrabianes@pup.edu.ph</a></td>
</tr>
<tr>
<td>28</td>
<td>Professor Joselinda M. Golpeo</td>
<td>IE Laboratory Head/Business Development and Commercialization Coordinator, IPMO Polytechnic University of the Philippines, Open University System (PUP OUS) <a href="mailto:jmgolpeo@pup.edu.ph">jmgolpeo@pup.edu.ph</a></td>
</tr>
<tr>
<td>29</td>
<td>Dr. Engr. Guillermo O. Bernabe</td>
<td>Program Chair, Master of Science in Construction Management Polytechnic University of the Philippines, Open University System (PUP OUS) <a href="mailto:gobernabe@pup.edu.ph">gobernabe@pup.edu.ph</a></td>
</tr>
<tr>
<td>30</td>
<td>Dr. Marion Cresencio</td>
<td>Secretary, PUP Graduate School, Course Specialist, Polytechnic University of the Philippines, Open University System (PUP OUS) <a href="mailto:dongcresencio@gmail.com">dongcresencio@gmail.com</a></td>
</tr>
<tr>
<td>31</td>
<td>Dr. Angelina E. Borican</td>
<td>Director, Publications Office, Director, Communication Management Office (concurrent), Polytechnic University of the Philippines, Open University System (PUP OUS)</td>
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Address:

Ph.D. Information Science Program,
School of Liberal Arts, Sukhothai Thammathirat
Open University, Nonthaburi, Thailand
Website: https://liberalarts.stou.ac.th/
Phone: +66 2 504 8515-7