

รายงานการไปราชการ

นำเสนอผลงานวิชาการ

บทความวิจัย ภาคบรรยาย (Oral Presentation) หัวข้อเรื่อง

“Smart Classrooms Training Model on Learning and Teaching Effectiveness for Teachers”

ประชุมวิชาการระดับนานาชาติ ASAIHL CONFERENCE 2016

ณ Universiti Putra Malaysia (UPM) ประเทศมาเลเซีย



ของ

ผู้ช่วยศาสตราจารย์ ดร.สนิธ สิทธิ

สาขาวิชาวิทยาการคอมพิวเตอร์ คณะวิทยาศาสตร์

มหาวิทยาลัยแม่โจ้

**รายงานการไปราชการ ประชุม สัมมนา ศึกษา ฝึกอบรม ปฏิบัติการวิจัย ดูงาน
ณ ต่างประเทศ และการปฏิบัติงานในองค์การระหว่างประเทศ**

ส่วนที่ 1 ข้อมูลทั่วไปของผู้วิจัยและคณะ

- 1.1 ชื่อ - นามสกุล (ภาษาไทย) (นาย/นาง/นางสาว)..สนิท สิทธิ.....
(ภาษาอังกฤษ).....SNIT SITTI.....
เลขบัตรประจำตัวประชาชน.....3660800333798..... อายุ.....50.....ปี
ระดับการศึกษาสูงสุด.....ปริญญาเอก.....
สาขาการศึกษา.....ศึกษาศาสตรดุษฎีบัณฑิต...(เทคโนโลยีการศึกษา).....
มหาวิทยาลัย/สถาบัน/อื่นๆ.....มหาวิทยาลัยเกษตรศาสตร์.....
ความเชี่ยวชาญเฉพาะด้าน (รายละเอียดสาขาวิชาการของ OECD)...คอมพิวเตอร์และการศึกษา
- 1.2 ตำแหน่ง (วิชาการ/บริหาร).....ผู้ช่วยศาสตราจารย์.....
กระทรวง/กรม.....กระทรวงศึกษาธิการ.....
มหาวิทยาลัย/สถาบัน/อื่นๆ.....มหาวิทยาลัยแม่โจ้.....
โทรศัพท์...053-873900.....โทรสาร... 053-873900.....e-mail...snit@mju.ac.th....
หน้าที่ที่รับผิดชอบ (โดยย่อ).....รองประธานหลักสูตรวิทยาศาสตรบัณฑิต.....
(วิทยาการคอมพิวเตอร์)
- 1.3 ชื่อเรื่อง/หลักสูตร (ภาษาไทย)...นำเสนอผลงานวิชาการ ณ มหาวิทยาลัย UPM ประเทศมาเลเซีย
(ภาษาอังกฤษ Oral Presentation in International Conference of ASAIHL CONFERENCE 2016 at UPM
Malaysia
สาขาหลัก...วิทยาศาสตร์ธรรมชาติ.....
สาขาย่อย...คอมพิวเตอร์และสารสนเทศศาสตร์ (เฉพาะซอฟต์แวร์).....
สาขาที่เกี่ยวข้อง...วิทยาการคอมพิวเตอร์, วิทยาการสารสนเทศ.....
เพื่อ ประชุม สัมมนา ฝึกอบรม ปฏิบัติการวิจัย
 ดูงาน การไปปฏิบัติงานในองค์การระหว่างประเทศ
แหล่งผู้ให้ทุน...กองทุนสนับสนุนงานวิชาการ.....คณะวิทยาศาสตร์ มหาวิทยาลัยแม่โจ้.....
ประเทศที่ไป...มาเลเซีย..... งบประมาณ...21,955.00 บาท.....
ระหว่างวันที่...4 - 7 ธ.ค. 2559..... รวมระยะเวลาการรับทุน...3 วัน.....
ภายใต้โครงการ/หน่วยงาน...-.....
คุณวุฒิ/วุฒิบัตร ที่ได้รับ...Certificate of Participation..ประกาศนียบัตรผู้ร่วมประชุมวิชาการโดย
นำเสนอปากเปล่า (Oral Presentation)..หัวข้อวิจัย...(แบบใบประกาศนียบัตร).....

ส่วนที่ 2 บทคัดย่อหรือสรุปย่อของหลักสูตรฯ เพื่อประโยชน์ในการสืบค้น ภาษาไทยและภาษาอังกฤษ (จำนวนอย่างละไม่เกิน 1 หน้ากระดาษ)

การเดินทางไปราชการต่างประเทศ นำเสนอผลงานวิชาการภาคบรรยาย ภายใต้สมาชิกระหว่างมหาวิทยาลัยแม่โจ้ และ ในงานประชุมวิชาการระดับนานาชาติ The Association of Southeast Asian Institutions of Higher Learning หรือ ASAIHL CONFERENCE 2016 จัดโดย Universiti Putra Malaysia (UPM) ซึ่งเป็นมหาวิทยาลัยที่ MOU กับมหาวิทยาลัยแม่โจ้ นอกจากนี้ อาจารย์ ดร.สุตเชต สกุกทอง ผู้ช่วยอธิการบดีและข้าพเจ้า ได้รับเป็นตัวแทนมหาวิทยาลัยเข้าร่วมประชุมวิชาการ การเดินทางไปครั้งนี้ข้าพเจ้าได้ส่งบทความวิจัยด้าน Use of Innovative Technology in Learning (Online & Mobile Learning) โดยมีหัวข้อเรื่อง “Smart Classrooms Training Model on Learning and Teaching Effectiveness for Teachers” ณ มหาวิทยาลัย UPM เมืองพุดราจาจา รัฐสลังงอร์ ประเทศมาเลเซีย จัดขึ้นระหว่างวันที่ 4-6 ธันวาคม พ.ศ.2559 การวิจัยและพัฒนาของข้าพเจ้าใช้หลักการปฏิบัติงานไปทำวิจัยไป หรือ Routine-to-Research เพราะระหว่างทำงานได้มีโอกาสพัฒนาอบรมคณาจารย์ให้ใช้ห้องเรียน Smart Classroom จัดโดยสำนักบริหารและพัฒนาวิชาการ ร่วมกับศูนย์เทคโนโลยีสารสนเทศ จึงให้เกียรติผู้ปฏิบัติงานวิจัยร่วมดังต่อไปนี้ คุณสิริประภา วิรัชเจริญพันธ์ คุณธันวดี กริธาเวทย์ คุณพรินทร บุญเรือง และคุณศรียกุล นันทะชมภู เนื่องจากมหาวิทยาลัยแม่โจ้ได้เป็นสมาชิกร่วมของประชุมวิชาการนี้ ข้าพเจ้าจึงได้รับการยกเว้นค่าลงทะเบียน (Waive) เป็นจำนวน \$300 (สามร้อยเหรียญสหรัฐ)

อีกทั้งยังได้พบปะแลกเปลี่ยนด้านวิชาการกับผู้บริหารมหาวิทยาลัยและนักวิจัยที่มาจากหลายประเทศ ได้แก่ ไทย อินโดนีเซีย อิหร่าน ญี่ปุ่น ฟิลิปปินส์ กัมพูชา มาเลเซีย สิงคโปร์ เป็นต้น โดยข้าพเจ้าได้แลกเปลี่ยนบัตรเพื่อทำความร่วมมือด้านวิจัยและวิชาการในอนาคต

ส่วนที่ 3 ข้อมูลที่ได้รับการศึกษา ฝึกอบรม ดูงาน ประชุมสัมมนา ปฏิบัติการวิจัย และไปปฏิบัติงาน ในองค์การระหว่างประเทศ ตามหัวข้อดังต่อไปนี้

3.1 วัตถุประสงค์

เพื่อนำเสนอผลงานวิชาการในส่วนของภาคบรรยาย (Oral Presentation) ในงานประชุมวิชาการระดับนานาชาติ The Association of Southeast Asian Institutions of Higher Learning (ASAIHL 2016)

เพื่อเป็นตัวแทนมหาวิทยาลัยแม่โจ้เข้าร่วมประชุมวิชาการ

3.2 เนื้อหาที่เป็นสาระสำคัญในเชิงวิชาการที่สามารถนำไปใช้ประโยชน์ไม่น้อยกว่า 1 หน้ากระดาษ A4 (โปรดให้ข้อมูลเชิงวิชาการที่สามารถนำไปใช้ประโยชน์ได้ หากมีรายงานฯ แยกต่างหาก และกรุณาแนบ pdf. file ขนาดไม่เกิน 5MB ส่งมาด้วย)

บทความวิจัยหัวข้อเรื่อง “Smart Classrooms Training Model on Learning and Teaching Effectiveness for Teachers” (ตามเอกสารแนบ)

3.3 ประโยชน์ที่ได้รับ

ต่อตนเอง

- เพิ่มพูนประสบการณ์ด้านการวิจัยได้แก่ การเข้าร่วมประชุมวิชาการระดับนานาชาติ ได้เห็นรูปแบบการจัดงานประชุมวิชาการระดับนานาชาติสามารถนำมาปรับใช้กับการจัดงานสัมมนาวิชาการระดับนานาชาติของคณะวิทยาศาสตร์ที่กำลังเตรียมการจัดงาน
- สามารถนำบทความวิจัยมาใช้อ้างอิงในการประเมินผลงานและผลงานวิชาการของอาจารย์ผู้รับผิดชอบหลักสูตรวิทยาศาสตร์บัณฑิต สาขาวิชาวิทยาการคอมพิวเตอร์ และอาจารย์กรรมการที่ศึกษานักศึกษาระดับบัณฑิตศึกษา
- เพิ่มพูนทักษะการใช้ภาษาอังกฤษในการสื่อสารและการนำเสนอต่อที่ประชุมวิชาการ (Conference Session)

ต่อหน่วยงาน

- ได้นำเสนอบทความวิจัย จำนวน 1 เรื่อง เป็นการเผยแพร่ผลงาน International Conference Proceeding ซึ่งหลักสูตร คณะวิทยาศาสตร์และมหาวิทยาลัยได้เพิ่มจำนวนผลงานเผยแพร่และตีพิมพ์สูงขึ้น
- เป็นการบุกเบิกการเสนอผลงานระดับนานาชาติเพื่อเป็นแบบอย่างให้แก่บุคลากร เพื่อจะได้นำบุคลากรสายสนับสนุนสู่เวทีนานาชาติ
- บุคลากรสายสนับสนุนที่มีชื่อร่วมวิจัยสามารถนำไปใช้ประกอบการขอกำหนดตำแหน่งในวิชาชีพให้สูงขึ้นได้
- หน่วยงานได้รับความร่วมมือในระดับมหาวิทยาลัย คณะและบุคคลทั้งในส่วนของ การเรียนการวิจัยและด้านวิชาการ อีกทั้งยังได้เผยแพร่ชื่อเสียงของมหาวิทยาลัย และสร้างความสัมพันธ์อันดีระหว่างมหาวิทยาลัยในระดับนานาชาติ

ส่วนที่ 4 ปัญหาอุปสรรค

- การประชุมวิชาการนานาชาติ ASAIHL CONFERENCE นี้จัดขึ้นปีละ 2 ครั้งเปลี่ยนกันเป็นเจ้าภาพหลายประเทศทำให้ผู้เข้าร่วมต้องเดินทางไปไกลหลายภูมิภาคทำให้เสียค่าใช้จ่ายสูง

ส่วนที่ 5 ข้อคิดเห็นและข้อเสนอแนะ

- ผู้บริหารมหาวิทยาลัยควรให้ความสำคัญต่อการประชุมวิชาการนานาชาติ ASAIHL CONFERENCE นี้ เนื่องจากมหาวิทยาลัยเป็นสมาชิกซึ่งมีการจัดประชุม 2 ครั้งต่อปี รอบปี 2017 ไปจัดที่ประเทศอินโดนีเซีย ช่วงปลายปีจะมาจัดที่มหาวิทยาลัยนเรศวร

จังหวัดพิษณุโลก ประเทศไทย ควรส่งผู้บริหารเข้าร่วมเพื่อเป็นเวทีเครือข่ายนานาชาติ

- คณาจารย์และบุคลากรควรได้มีโอกาสส่งผลงานวิชาการเข้าร่วมทุกครั้งที่มีการจัดเป็นการสร้างความเข้มแข็งและความต่อเนื่องวิชาการ
- มหาวิทยาลัยแม่โจ้ควรใช้เวทีนำเสนอเผยแพร่ชื่อเสียงสู่ความเป็นการศึกษานานาชาติ
- จะการเข้าร่วมพบว่ามีหลายมหาวิทยาลัยสนใจทำความร่วมมือกับมหาวิทยาลัยแม่โจ้ซึ่งมีความโดดเด่นด้านการเกษตร สามารถทำ MOU ระหว่างกันได้
- การประชุมวิชาการนานาชาติ ASAIHL CONFERENCE นี้มีการจัดขึ้นมานานแล้วควรมีหน่วยงาน อย่างกองวิเทศ มหาวิทยาลัยแม่โจ้ ดำเนินการประสานงานอย่างต่อเนื่อง

ลงชื่อ.....

(ผู้ช่วยศาสตราจารย์ ดร.สนิท สิทธิ)

23 ธันวาคม 2559

ส่วนที่ 6 ความคิดเห็นของผู้บังคับบัญชา

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ลงชื่อ.....

(.....)

ตำแหน่ง.....

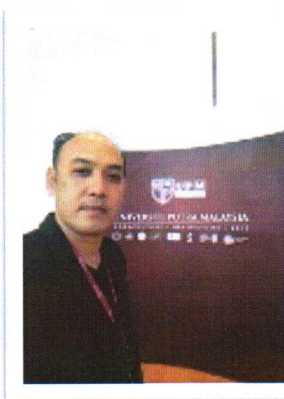
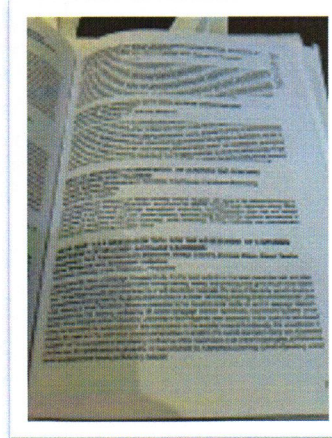
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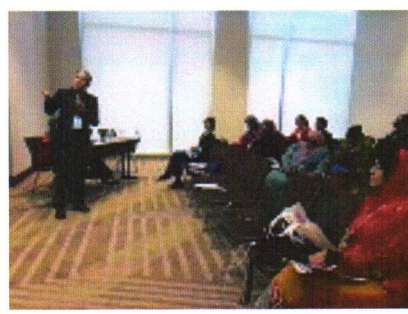
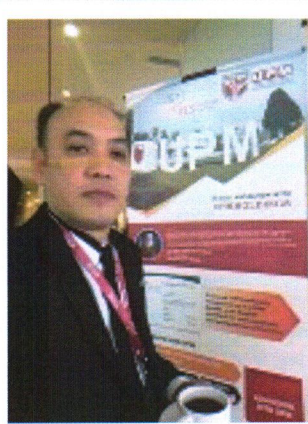
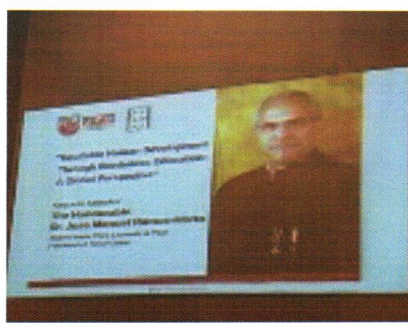
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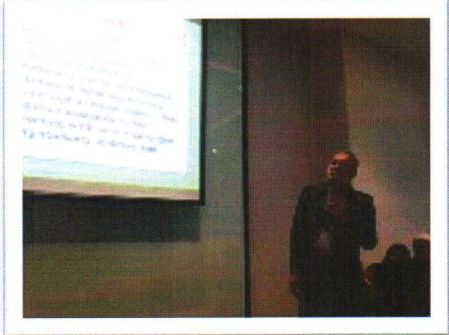
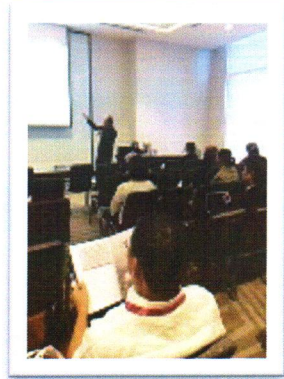
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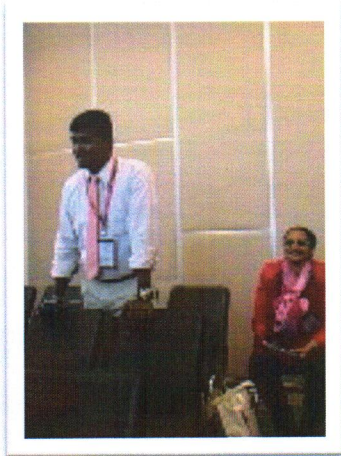
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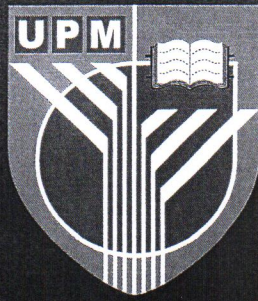
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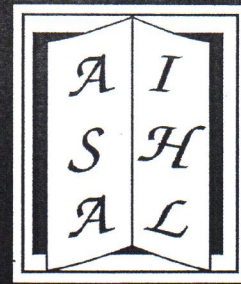








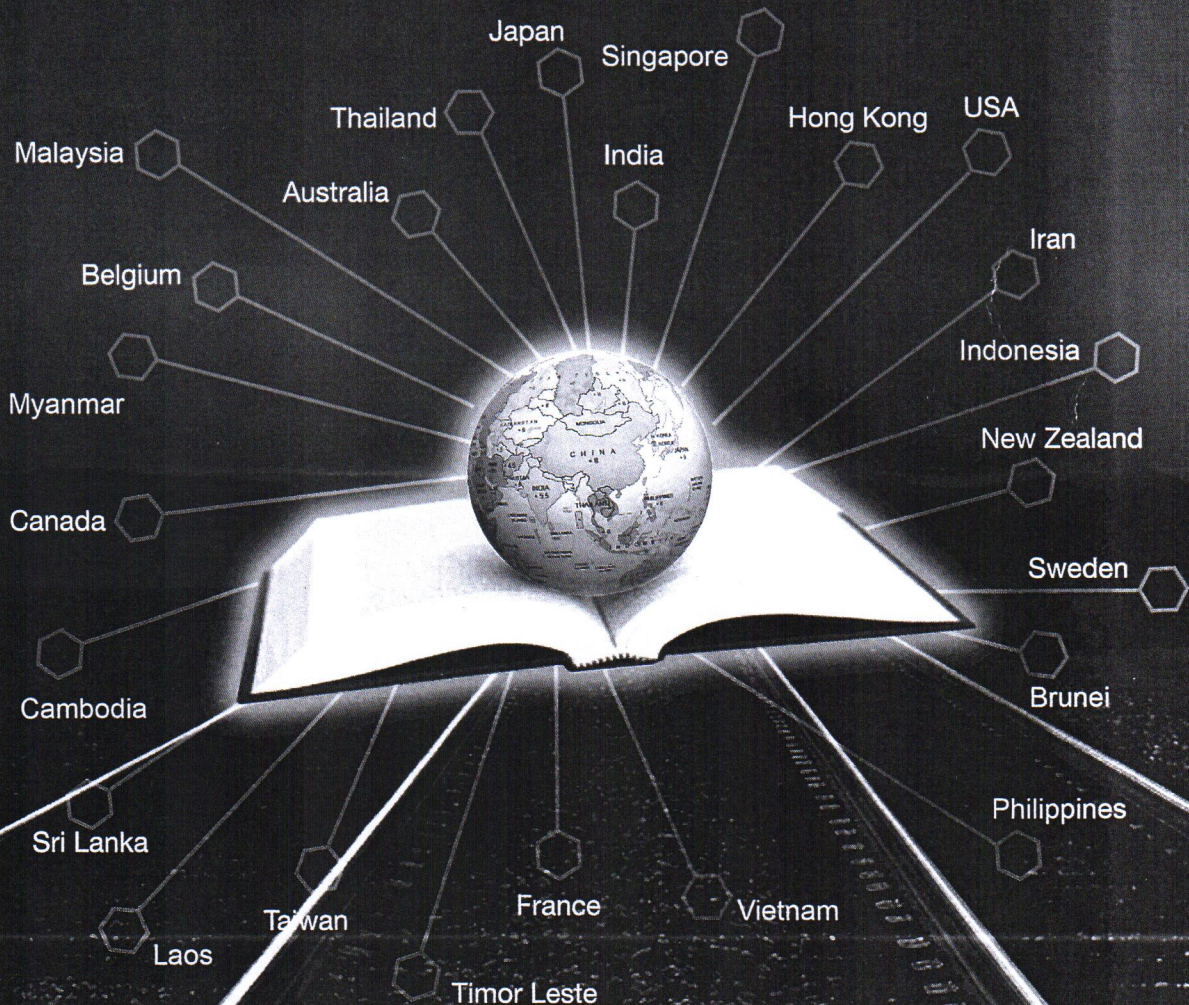
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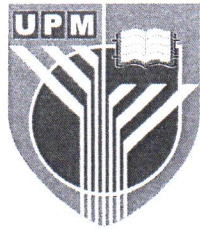


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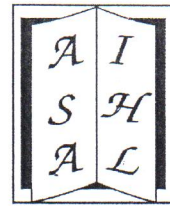
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Certificate Of Participation

This is to certify that

Snit. Sitti

has participated at the

ASAIHL CONFERENCE 2016
Universiti Putra Malaysia

held from

4 - 6 December 2016

PROF. DATIN PADUKA DR. AINI IDERIS
President ASAIHL
Chairperson ASAIHL Conference 2016 UPM

PROFESSIONALISM ON SOCIAL MEDIA USAGE AMONG MEDICAL STUDENTS IN UNIVERSITI PUTRA MALAYSIA, SERDANG

Faridah Idris, Puteri Shanaz Jahn Kassim, Sayyidah Aqilah Ridzuan and Muhammad Afwan Shamsulbaharin

Universiti Putra Malaysia, Malaysia

The usage of social media is common among medical students and this may increase the risk of online unprofessionalism behaviour. The image of health care professionals including medical students are important to maintain high standard of professionalism. This study aimed to determine the professionalism towards social media usage among UPM medical students and its association with their socio-demographic factors. A cross sectional survey with disproportionate stratified sampling and simple random sampling method using questionnaire involving medical students in UPM was conducted. The results showed most medical students have Facebook account (99.5%) and it was also ranked the first in the mostly used social media. 93.9% of the respondents were considered as having professionalism towards social media usage, despite majority of them had not read guidelines on social media. There is no significant association between gender, ethnicity and academic year with professionalism towards social media usage.

THE FUTURE OF EDUCATION WITH OPEN ACCESS EDUCATION AND INNOVATIVE TECHNOLOGY

Lim Chee Leong, Lee Kim Lian and Tang Siew Fun

Taylors University, Malaysia

This paper examines the importance of future education with open access learning (MOOC) and innovative technology in promoting teaching and learning. With the rapid advancement in digital technology, there is a need to ensure that learning resources are made available for students at no cost or at an affordable cost so that students are able to access information regardless of location, status or background. A private higher institution in Malaysia had embarked on a university-wide implementation of MOOC. The project promotes high level of online engagement, learning and development with students in a 'real world' open access higher education setting. The combination of open access education and innovative technology will help institutions, educators and students narrow the learning divided so that education can be for all from anywhere and at any time. This paper studies the importance of open access education and the impact of the usage of innovative technology such as MOOC in bridging the gap to promote learning.

SMART CLASSROOMS TRAINING MODEL ON LEARNING AND TEACHING EFFECTIVENESS FOR TEACHERS

Snit Sitti, Siriprapa Wiratjaraenpun, Tunwadee Kreethawate, Parinthorn Boonruang and Srikul Nuntachompoo

Maejo University, Thailand

Smart classrooms are classrooms on Maejo university campus equipped with some of the newest technology to help your learning and teaching effectiveness. We propose the SMART model of smart classroom training which characterised by switch on/off, multimedia management, audio/video, record/pause/stop video clips and transfer to eLearning. It is an important part of a blended learning. Reconstructing classroom for students and teachers is innovation, and integrating information technology, smart technology, learning multimedia and communication technology into classroom is an inevitable choice.

“HEAR HERE” AS A WEB-BASED TOOL FOR THE ASSESSMENT OF LISTENING PROFICIENCY OF SECOND LANGUAGE LEARNERS

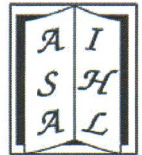
Evangelina S. Seril, Franchesca Ann Balmonte, Gladys Cabrera, Denisse Dizon, Aileen Peralta, Dianne Tating and John Emmanuel Undecimo

Polytechnic University of the Philippines, Philippines

Listening lies at the heart of language. Disappointingly, it is the least understood, the least researched skill and often focused upon and taught while expressive skills namely reading, writing, and speaking were given much more explicit focus. This sad plight brought about the absence of well-developed materials. The aims of this study were to develop a web-based listening tool guided by the goals and exercises or activities for building listening skills for Intermediate Level of ESL listeners as what Pat Wilcox Peterson presented in his developmental profile of second language listeners. Subsequent to this, the listening proficiency of second language learners specifically, sophomore students of the Bachelor of Arts in English at the Polytechnic University of the Philippines were assessed. In this study, the web-based listening tool exceeded the expectations of the respondents in the website's overall functionality, the smoothness of navigating the pages and the inter link's proper functionalities. In addition, the overall descriptive rating was "Exceeded Expectation" as the assessment of the listening proficiency of the respondents in all of the five principles; a) Relevance of the Exercises; b) Transferability/Applicability; c) Task-Oriented for Autonomous Learning; d) Audio/Speaking; and e) Website Navigation in the developed listening material.



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Our Reference: UPM/ASAIHL2016/P065

Date: 20th September 2016

Snit Sitti,
Maejo University,
Thailand.

Dear Author,

NOTIFICATION OF ABSTRACT ACCEPTANCE

Based on recommendations by Reviewer Panel of ASAIHL 2016 Conference, we are pleased to inform you that your abstract has been accepted to the conference. Details of your accepted abstract are as follow:

Paper ID:	P065
Title:	SMART CLASSROOMS TRAINING MODEL ON LEARNING AND TEACHING EFFECTIVENESS FOR TEACHERS
Author(s):	SNIT SITI, SIRIPRAPA WIRATJARAENPUN, TUNWADEE KREETHAWATE, PARINTHORN BOONRUANG, SRIKUL NUNTACHOMPOO

You are therefore cordially invited to present your study during ASAIHL 2016 conference that will be held on 4th - 6th December 2016 at the Le Meridien Putrajaya Hotel, Malaysia. Instructions regarding the conference registration is available on our conference website (www.asaihl2016.upm.edu.my).

In addition, you are optionally invited to submit full paper of your study to be included in the conference publication. The conference paper template is as attached with the notification email and the paper should be submitted by 14th October 2016 to asaihl2016@upm.edu.my. All accepted papers will be published as a book of contributions.

If you have any problem, feel free to contact us via asaihl2016@upm.edu.my. We look forward to see you in Malaysia.

Yours sincerely,

(Dr. Fairuz Izzuddin Romli)
Secretariat
ASAIHL 2016 Organizing Committee

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Smart Classrooms Training Model on Learning and Teaching Effectiveness for Teachers

Snit Sitti^{1, a*}, Siriprapa Wiratjaraenpun^{2, b}, Tunwadee Kreethawate^{3, c},
Parinthorn Boonruang^{4, d} and Srikul Nuntachompoo^{5, e}

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Abstract. Smart classrooms are classrooms on Maejo university campus equipped with some of the newest technology to help your learning and teaching effectiveness. We propose the SMART model of smart classroom training which characterized by switch on/off, multimedia management, audio/video, record/pause/stop video clips and transfer to eLearning. It is an important part of a blended learning. Reconstructing classroom for students and teachers is innovation, and integrating information technology, smart technology, learning multimedia and communication technology into classroom is an inevitable choice.

Keywords: Smart Classroom, Training Model, Teacher, Teaching, Blended learning

Introduction

Recently, the center of information technology services and the office of academic administration and development at Maejo University in Chiang Mai, Thailand equipped 21 classrooms with audio-visual system that allow display of VDO, paper documents, internet webpages, and interaction board. These classrooms are called “*smart classroom*” that have built-in multimedia equipment – LCD-DLP projector (ceiling mounted), computer, document visualizer, DVD player and more [1]. They embody the smart characteristics of technology, application, and management. Thus the smart classroom is one equipped with multimedia components designed to enhance instruction and learning.

There are four the advantages of smart classroom: 1) lets teachers simultaneously instruct local and remote students via internet 2) lets the teacher control the teaching materials presentation 3) the computers enable participant to apply the subject matter during the courses and 4) informs the teacher of classroom events. There are two the disadvantages of smart classroom: 1) technical problems may occur during the teaching and 2) some teachers had not understood the purpose of smart classroom or what they were expected to do there. Because of technical and teaching method problems, we propose the SMART model of smart classroom training to teaching effectiveness for university teachers. In smart classroom, teacher’s role

- 1) *Sharing knowledge*, Teachers have to give background about the course content, skill, and instruction to students. The teachers also build upon the knowledge, personal experiences, language, culture that students bring to the learning situational.

- 2) *Sharing ability*, the teachers encourage students' use of their own knowledge, ensures that students share their knowledge and learning strategies.
- 3) *Mediation*, Teachers act in smart classroom as mediators to adjust the level of information and helps students discover what to do when they are stumped and help them "*learn how to learn*".

Objective

This research sought to study, develop, utilize, and evaluate the smart classroom training model on learning and teaching effectiveness for teachers.

Research Methods

The research procedure includes three phases [2][3]:

The first phase: Studying the smart classroom training model on learning and teaching effectiveness for teachers.

1. Analyzing the elements of smart classrooms are included smart technology, application, and management.
2. Analyzing the elements of social networking are included the elements of web-based learning, learning management system (LMS) with social media, m-learning (tablet & smart phone).
3. Analyzing the elements of the 21st century skills: critical thinking and problem solving, creativity and innovation, communication, and collaboration [4].
4. Analyzing the elements of competency (knowledge, attitude, and skill approach).
5. Integrating the elements of smart classrooms, social networking, the 21st century skills, and competency.

The second phase: Developing the smart classroom training model on learning and teaching effectiveness for teachers.

The third phase: Evaluating the smart classroom training model on learning and teaching effectiveness for teachers by using focus group discussion method. The participants of this study were specialists who were involved in curriculum and instruction, instructional design, information and communication technologies from universities in Thailand. There were five experts focus group discussion in accreditation the developed smart classroom training model for teachers.

Results

After the five experts' focus group had evaluated the developed smart classroom training model for teachers, they suggested the opinion that the design smart classroom training model on learning and teaching effectiveness is developed to be in the high level of appropriateness. The smart classroom relates to the optimization of teaching content presentation, convenient access of learning resources, deeply interactivity of teaching and learning, contextual awareness and detection, classroom layout and management etc.. It may be summarized as *Switch*, *Media management*, *Audio/video (AV)*, *Record/pause/stop video clips*, and *Transfer to e-Learning*, as called "*SMART model*". The five

dimensions just embody the wisdom of smart classroom training feature, which can be referred to as “SMART” concept model, as shown in figure 1.

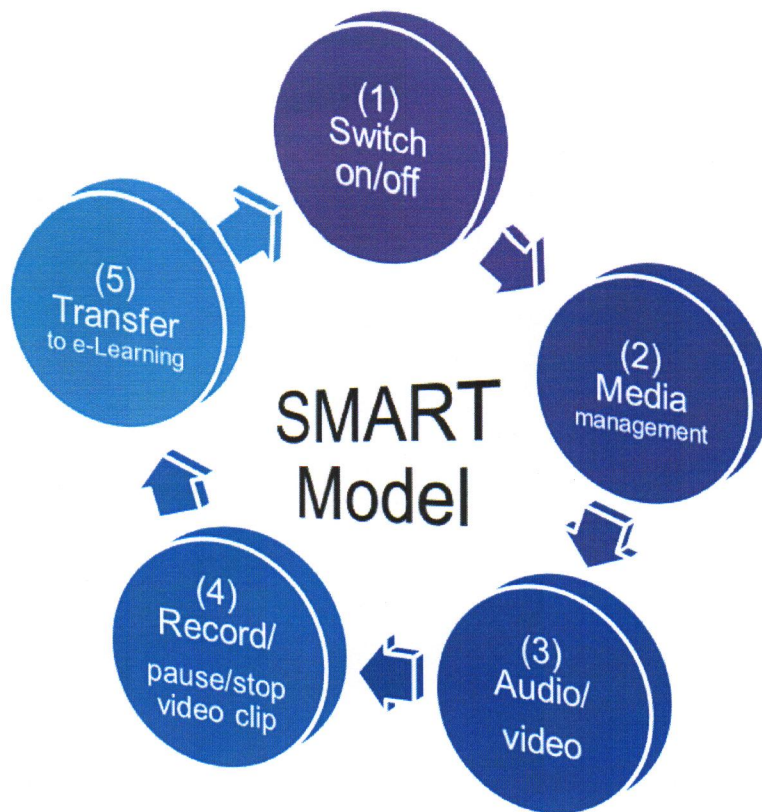


Figure 1: “SMART model”, concept smart classroom training model on learning and teaching effectiveness for teachers

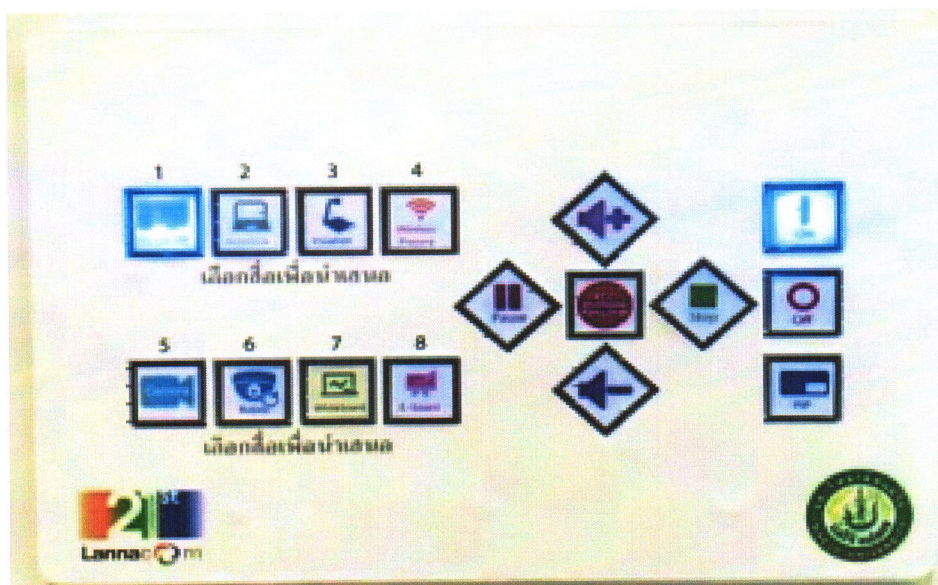


Figure 2: smart control panel box

(1) *Switch on/off*:press switch to “1” on smart panel box to turn on equipment within two minutes including computer, sound and smart system, document visualizer,video camera,

projector, projector screen (pull down)etc.. When the teachers finished, press switch “0” on smart panel box to turn off all equipment.

- (2) *Media management*:The teacher enables media selection by press number 1-8 on smart panel box including 1) computer 2) notebook 3) visualizer 4) mobile device connection via wireless network 5) video camera 6) change view point of dome camera 7) projector screen roll up and dome camera zoom in front of white boardand 8) e-board or smart board.
- (3) *Audio/video*:The teacher to lower/raise the volume of smart panel box, press + or - respectively and press PIP or picture in picture, show video view on the corner of projector screen.
- (4) *Record/pause/stop video clips*: The teacher enables to record, pause, and stop teaching video clips.
- (5) *Transfer to e-Learning*: When the teachers finished, transfer teaching video clips to learning management system (LMS) or Moodle.

Discussion


The research results exhibited that the smart classroom training model on learning and teaching effectiveness was appropriated and fit to the quality of teachers. Here the results provide very suitable and encouraging results for using smart classroom. The ultimate objective of the study is to change learning and teaching method of teachers in the digital age. If the teachersare high quality, the students will high quality.

Acknowledgements


The 21 smart classrooms, the building celebrates 80 years, were provided by Lannacom Company in Chiang Mai, Thailand. This research was funded bythe center of information technology services and the officeof academic administration and development at Maejo University, Thailand.


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2016 ASAIHL CONFERENCE
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Universiti Putra Malaysia | 4 - 6 December 2016

Smart Classrooms Training Model on Learning and Teaching Effectiveness for Teachers

Snit	Sitti
Siriprapa	Wiratjaraenpun
Tunwadee	Kreethawate
Parinthorn	Boonruang
Srikul	Nuntachompoo

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Background

❖ **Smart Classrooms are technology enhanced classrooms for teaching and learning by integrating learning technology, such as computers, specialized software, audience response technology, assistive listening devices, networking, and audio/visual capabilities. They are a solution designed to help teachers in meeting with new challenges and developing students abilities and performance.**

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Technical & Teaching Method Problems

- 1) Technical problems may occur during teaching by using smart classroom
- 2) Teachers had not understood the purpose of smart classroom or what they were expected to do there.

Develop "**SMART Model**" for Smart classroom training to teaching effectiveness for university teachers

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Objective

To develop the training model of the smart classrooms for teachers that learning and teaching effectiveness.

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Research Methods

- ◉ *The first phase:* Studying the smart classroom technology, teacher training, learning & teaching of subject.
- ◉ *The second phase:* Developing the training model of the smart classroom for teachers.
- ◉ *The third phase:* Evaluating the training model for teachers by using focus group discussion method.

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Results



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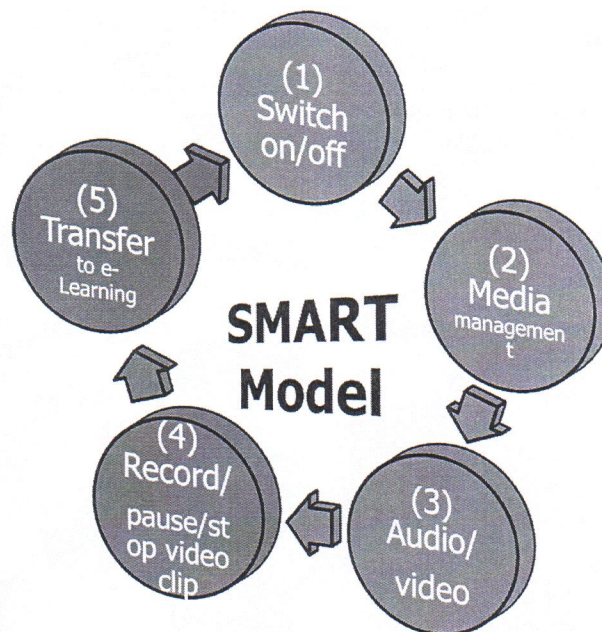
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Smart Classroom Procedure

- S** : Switch on/off
M : Multimedia Management
A : Audio/Video
R : Record/Resume/Stop/Pause
teaching video clip
T : Transfer to e-Learning

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Discussion

- 1) Training model is appropriated and fit to the quality of teachers.
- 2) Very suitable and encouraging results for using smart classroom.
- 3) Change learning and teaching method of teachers in the digital age.

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ASAIHL 2016 UPM CONFERENCE TENTATIVE

4 December 2016 (Sunday)	
15:00 - 19:00	Pre-Registration of Participants/Delegates (Le Meridien Hotel)
17:00 - 19:00	Executive Board Meeting (UPM)
19:30 - 21:30	Official Dinner with Executive Board Members (UPM)
5 December 2016 (Monday)	
07:30 - 08:30	Registration of Participants/Delegates
08:45 - 09:00	Welcome Remarks by Prof. Datin Paduka Dr. Aini Ideris (President, ASAIHL & Chairman, 2016 ASAIHL Conference Organizing Committee) Venue: Millennium Grand Ballroom 2
09:00 - 09:10	Message from Dr. Ninnat Olanvoravuth (Secretary-General of 2016 ASAIHL Conference)
09:15 - 09:30	Opening Address by The Honourable Dato' Seri Idris Jusoh (Minister of Higher Education Malaysia)
09:40 - 10:15	KEYNOTE ADDRESS : Millennium Grand Ballroom 2 Session Chair: Prof. Dr.-Ing. Ir. Renuganth Varatharajoo (Universiti Putra Malaysia) Keynote Address 1 by The Honourable Dato' Seri Idris Jusoh (Minister of Higher Education Malaysia) "Higher Education in the 21 st Century: Borderless and Accessible"
10:20 - 10:55	Keynote Address 2 by The Honourable Dr. Jose Ramos-Horta (1996 Nobel Peace Prize Laureate & Former President of Timor-Leste) "Equitable Human Development through Borderless Education: A Global Perspective"
11:00 - 11:15	Tea Break
11:20 - 13:00	COUNTRY REPORT SESSION 1 : Millennium Grand Ballroom 2 Session Chair: Prof. Gilbert Bautista (Centro Escolar University) Education without Borders <i>Luisa Shu-Ying Chang</i> (National Taiwan University, Taiwan) Liberal Education in a Globally Connected Digital World: Educating the 21st Century Professional, Leaders of the New Economy <i>Jorge L. Diaz-Herrera</i> (Keuka College, New York) Student Admissions System in State Universities in Indonesia <i>Mery Napitupulu and Ilham Makhmud</i> (Tadulako University and Hasanuddin University, Indonesia) Borderless Education through Internationalization/Transnational Education: The Philippine Case <i>Patricia B. Lagunda</i> (Baliuag University, Philippines) A Case on Borderless Education in University of Kelaniya, Sri Lanka <i>H. M. R. P. Herath, P. M. P. Fernando and S. I. Wijenayake</i> (University of Kelaniya, Sri Lanka) *15 minutes each presentation
13:00 - 14:00	Lunch Break
14:05 - 14:35	Inauguration, General Conference and Election of President and Board Members
14:40 - 16:30	COUNTRY REPORT SESSION 2 : Millennium Grand Ballroom 2 Session Chair: Prof. Dr. Junaedi Muhidong (Universitas Hasanuddin) Rethinking on the Role of Universities in the Internationalization of Higher Education: A Case Study of Islamic Azad University of Iran, University Network and Open-Access Education <i>Hamid Mirzadeh</i> (Islamic Azad University, Iran) Scientific Research Collaborations are Ensuring Successful International Collaboration in Higher Education at the University of Science and Technology of Hanoi <i>Le Tran Binh and Patrick Boiron</i> (University of Science and Technology of Hanoi, Vietnam) Malaysian University Graduate Employability Enabler Model: The Cyberjaya Graduate Employability Enabler (CGEE) <i>Aini Ideris and Renuganth Varatharajoo</i> (Universiti Putra Malaysia, Malaysia)

	<p>OER, OCW and MOOCs: Enhancing Borderless Open Access Education in Thailand <i>Thapanee Thammetar, Anuchai Theeraroungchaisri and Jintavee Khlaisang</i> (Thailand Cyber University Project, Ministry of Education, Thailand and Chulalongkorn University)</p> <p>The Trends of Quality Assurance and Undergraduate Education Policy <i>Masaru Osanai</i> (Soka University, Japan)</p> <p>Developing New Generations of ICT-based International Curricula in Europe and South East Asia <i>Roger Frutos</i> (University of Montpellier and Cirad, France)</p> <p>*15 minutes each presentation</p>
16:30 - 16:45	Tea Break
16:50 - 18:30	<p>Parallel Session 1 (*10 minutes each presentation)</p> <p>SESSION 1.1 : Gallery 2 (Level 2) Session Chair: Assoc. Prof. Dr. Ainol Haryati Ibrahim (Universiti Malaysia Pahang)</p> <p><u>Equal Education for the Disadvantaged</u> Muslim Migrant Children and their Families in Selected Communities in One City, Metro Manila, Philippines: Guide to Crafting Responsive Policies and Programs <i>Alexander C. de Luna and Frederick V. Rael</i> (Marikina City University, Philippines)</p> <p>Ethnic Identity, Self-esteem and School Success of Grade VI Hanunuo Mangyan Pupils: Input for Curriculum Development <i>Jessie T. Liboon</i> (Department of Education, Division of Oriental Mindoro, Philippines)</p> <p>Thailand ICT Initiatives to Promote Quality Education for the Disadvantaged <i>Chanita Rukspollmuang</i> (Siam University, Thailand)</p> <p>Community Support in the South of Metro Manila: A Case Study in San Beda College Alabang <i>Cecilia A. Navarro and Cynthia A. Zarate</i> (San Beda College, Philippines)</p> <p>Akin to Chiseling Stones: Educating Disadvantaged Learners <i>Habsah Hussin</i> (Universiti Putra Malaysia, Malaysia)</p> <p>Filipino Lexicons for Mass Communication: For Books Only! <i>Perla Delos Santos Carpio</i> (Polytechnic University of the Philippines, Philippines)</p> <p>Learning through Borderless Education for Transforming Lives - The BCAS Way <i>Abdul Rahuman</i> (British College of Applied Studies, Sri Lanka)</p> <p>SESSION 1.2 : Gallery 3 (Level 2) Session Chair : Prof. Clarita Carillo (University Santos Tomas)</p> <p><u>Use of Innovative Technology in Learning (Online & Mobile Learning)</u> Blended Learning for Building Student-Teachers' Capacity to Learn and Teach Science-Related Interdisciplinary Subjects: The Case of Hong Kong <i>Valerie W. Y. Yip, Lee Y. C. and Victor K. C. Lau</i> (University of Hong Kong, Education University of Hong Kong and Chinese University of Hong Kong, Hong Kong)</p> <p>Assessing Values Integration in e-Class Religious Education Subjects <i>Esteban T. Salibay Jr</i> (De La Salle University-Dasmaringas, Philippines)</p> <p>Accelerating PhD Learning in Producing 21st Century Instructors <i>Rahinah Ibrahim, Rafeah Mustafa Kamal and Ratnakala Sithravel</i> (Universiti Putra Malaysia, Malaysia)</p> <p>Effectiveness of e-Class in Biology Major Subjects as Perceived by the Students <i>Cristina Cabanacan-Salibay</i> (De La Salle University-Dasmaringas, Philippines)</p> <p>The Use of Web-based Online Quizzes to Track Undergraduate Engineering Students' Understanding in General Chemistry for Engineers using Google Form Application <i>Cherdphong Seedao</i> (Burapha University, Thailand)</p>

Development of a Database for Driven Precast Concrete Pile Load Tests for Engineering Study *Maria Cecilia M. Marcos* (Adamson University, Philippines)

Best Practices for Student Retention in Online Education *Sean Chee and Kellani Rafael* (ELS Language Centres and Sunago Education, Malaysia)

The Use of e-Learning in the Tertiary Level from the Faculty Perspective *Ronaldo R. Cabauatan, Belinda V. de Castro, Ronaldo A. Manalo and Chin Uy* (University of Santo Tomas, Philippines)

SESSION 1.3 : Gallery 4 (Level 2)

Session Chair : Dr. H. M. R. P. Herath (University of Kelaniya)

Academia and Industry Linkages

Feminization of Labour and Women Empowerment: A Phenomenological Study *Mariano Thomas S. Ramirez* (De La Salle University-Dasmariñas, Philippines)

The Implementation of Alternative Learning System in Public Secondary Schools in Marikina City: Basis for Policy Review *Bernada T. Cudal and Cecilio S. Volante III* (Kalumpang National High School and Marikina Science High School, Philippines)

Academia and Industrial Linkages: A Conceptual Paper of the University of the City of Manila *Ralph A. Sabio and Cecilia Junio-Sabio* (University of the City of Manila, Philippines)

Cooperative Education Leading towards Innovative Education *Yhing Sawheny* (Siam University, Thailand)

Towards Development of a Scale to Measure Academicians' Intention to Stay and Leave through Systematic Literature Review *Wan Ismahanini Ismail, Roziah Mohd Rasdi, Rahinah Ibrahim and Bahaman Abu Samah* (Universiti Putra Malaysia, Malaysia)

Minimizing Unemployment through Training Programs: Lesson Learnt from the Perspective of Educators, Employers and Graduates *Mohd Hazwan Mohd Puad* (Universiti Putra Malaysia, Malaysia)

Other Education Topics

Cross-Cultural Patterns of Thai and Korean Communication *Inecita R. Cuevas* (Saint Michael's College of Laguna, Philippines)

SESSION 1.4 : Gallery 5 (Level 2)

Session Chair : Assoc. Prof. Jintavee Khlaisang (Chulalongkorn University)

Concepts at the Heart of Learning

Shrinking the Drop-out Rate: A Case Study of Hasanuddin University *Junaedi Muhidong and Dwia Aries Tina Pulubuhu* (Hasanuddin University, Indonesia)

Performance Predictors in the Licensure Examination for Teachers of the Bachelor in Secondary Education Graduates of the Marikina City University (Pamantasan ng Lungsod ng Marikina), Marikina City, Philippines *Edgardo G. Canda, Archy F. Palanggoy and Angelina C. Irapta* (Marikina City University, Philippines)

PODz: Small Self-governed Peer-moderated Support Groups in an Atmosphere of Confidentiality and Trust to Help Students during Difficult Transitions and Set Accountability for Personal Goals *Tang Siew Fun* (Taylor's University, Malaysia)

Sustainable Learning, Leading and Living in the "I" Age *Alice Lee* (University of Hong Kong, Hong Kong)

A Lifelong Approach in Teaching Technical Writing *Marco S. Saez* (De La Salle University-Dasmariñas, Philippines)

	<p>Sustainable Public Service Competency Development Process of Local Administration Organization Personnel <i>Sutkhet Sakunthong</i> (Maejo University, Thailand)</p> <p>Other Education Topics The Efficient Spending of Education and Healthcare in East Java Province, Indonesia <i>Mohammad Wasil</i> (Narotama University, Indonesia)</p>
20:00 - 22:00	Welcome Dinner (Le Meridien Hotel)
6 December 2016 (Tuesday)	
	<p>KEYNOTE ADDRESS : Millenium Grand Ballroom 2 Keynote Session Chair: Assoc. Prof. Dr. Shameem Rafik Khan (Universiti Putra Malaysia)</p>
09:30 - 10:10	<p>Keynote Address 3 by Professor Tan Sri Dato' Dzulkifli Abdul Razak "Is Borderless Open Access Education the Rising "Tide" That Lifts All Boats?"</p>
10:15 - 10:55	<p>Keynote Address 4 by Professor Dr. Alexandre Ardichvili "Leadership and Leadership Development in Higher Education: Lessons from Corporate HRD Programs"</p>
11:00 - 11:15	Tea Break
11:20 - 13:00	<p>Parallel Session 2 (*10 minutes each presentation)</p> <p>SESSION 2.1 : Gallery 2 (Level 2) Session Chair : Prof. Dr. Esteban Salibay, Jr (De La Salle University - Dasmariñas)</p> <p><u>Concepts at the Heart of Learning</u> Dimensions of School Life, Self-esteem, Attitudes, and Students' Academic Performance at One City University, Marikina City, Philippines <i>Angelina C. Irapta and Melvin C. Malupay</i> (Marikina City University, Philippines)</p> <p>The Total Service Environment of the Marikina City University (Pamantasan ng Lungsod ng Marikina) as Experienced by the Students: Toward Achieving Excellence <i>Shirley M. Villanueva and Edgardo S. Canda</i> (Marikina City University, Philippines)</p> <p>Localized and Contextualized Remediation Materials of Least Mastered Competencies of Low Mastered Grade 7 in Mathematics: Its Effectiveness <i>Alexander M. Morron Jr</i> (City of Bacoor Senior High School, Philippines)</p> <p>What Young Filipino Mothers Wish They Knew about Romantic Relationships: Inputs to Reproductive Health Education <i>Shirley L. Ayao-ao and Ric Elloy M. Mendoza</i> (Saint Louis University, Philippines)</p> <p>Digital Citizens in the Digital Nation and the Future of Teaching and Learning <i>Harold John D. Culala, Harold B. Bueno and Madonna M. Tejada</i> (Far Eastern University, Philippines)</p> <p>Enhancing the Oral Reading Fluency of Second Graders through a Home Reading Program <i>Glorificacion L. Quinopez</i> (Saint Louis University, Philippines)</p> <p>SESSION 2.2 : Gallery 3 (Level 2) Session Chair : Assoc. Prof. Dr. Chwen Jen Chen (Universiti Malaysia Sarawak)</p> <p><u>Equal Education for the Disadvantaged</u> Massification of Higher Education in Malaysia: Finding a Balance between Economic Growth and Social Development <i>Arnida Abdullah</i> (Universiti Putra Malaysia, Malaysia)</p> <p>Breaking Prison Walls through Transformative Education <i>Josephine P. Dasig and Alfonso H. Loreto</i> (University of Perpetual Help System DALTA, Philippines)</p> <p>Assessing Students with Disabilities: Compliance with the Provisions of the Magna Carta for Persons with Disabilities in Philippines <i>Gina A. Opiniano and Cecilia J. Sabio</i> (University of the City of Manila, Philippines)</p>

Reframing the Filipino Entrepreneurial Mindset from Doing Well to Doing Good: A Basis for the Development of the Social Entrepreneurship Education Program for an ASAIHL-Member Institution *Helen M. Rigor* (Saint Paul University Quezon City, Philippines)

Government and University Scholarship in Narotama University, Indonesia to Support Equal Education for the Disadvantaged *Iswachyu Dhaniarti and Ani Wulandari* (Narotama University, Indonesia)

Other Education Topics

Career Undecidedness among Technical and Vocational Students *Haslinda binti Abdul Karim, Ab Rahim Bakar, Soaib Asimiran, Noor Syamilah Zakaria, Shamsiah Mohamed, Norazizalina Mat Najib and Siti Hajar Nabilah Amran* (Universiti Putra Malaysia)

SESSION 2.3 : Gallery 4 (Level 2)

Session Chair : Simon J.C. Nash (Keuka College)

Use of Innovative Technology in Learning (Online & Mobile Learning)

Implementation Issues of Hybrid Structures of Learning: The Case of a Philippine Comprehensive University *Belinda V. de Castro, Ronaldo R. Cabauatan, Ronaldo A. Manalo and Chin Uy* (University of Santo Tomas, Philippines)

The Future of Education with Open Access Education and Innovative Technology *Lim Chee Leong, Lee Kim Lian and Tang Siew Fun* (Taylors University, Malaysia)

Collaborative Online Learning: A Case Study of an International Partnership *Ainol Haryati Ibrahim and Nik Aloesnita Nik Alwi* (Universiti Malaysia Pahang, Malaysia)

"Hear Here" as a Web-based Tool for the Assessment of Listening Proficiency of Second Language Learners *Evangalina S. Seril, Franchesca Ann Balmonte, Gladys Cabrera, Denisse Dizon, Aileen Peralta, Dianne Tating and John Emmanuel Undecimo* (Polytechnic University of the Philippines, Philippines)

Influence of Infrastructure and Info Structure, Curriculum, Pedagogy and Content in Teaching and Learning through MOOCs: A Pilot Study *Nur Azlinda Kasma Azizan Kamal Abdul Nasir, Habibah Ab Jalil, Alyani Ismail and Rosnaini Mahmud* (Universiti Putra Malaysia, Malaysia)

HORTARI: A Gamification Application for Engaged Teaching and Learning in Higher Education *Junar A. Landicho, Anghela Perpetua A. Dela Cerna, Jeric James G. Marapao, Gerwin P. Balhin and Rachelle M. Paid* (University of Science and Technology of Southern Philippines, Philippines)

SESSION 2.4 : Gallery 5 (Level 2)

Session Chair : Asst. Prof. Dr. Witawat Jangiam (Burapha University)

Academia and Industry Linkages

The Relationship between the Level of Motivation and the Level of Job Satisfaction of BPO Personnel in Makati: Basis for a Proposed Enhancement Program *Gilbert L. Bautista, Amelita M. Borlongan, Evelyn L. Mergenio and Ivan Perry B. Mercado* (Centro Escolar University, Philippines)

Effective Collaboration between Academia and Industry: A Case Study in Lingnan University *Chan Tin Yan Josiah* (Lingnan University, Hong Kong)

Do Students Manifest Collectivism?: The Case of Asian Students at De La Salle University (DLSU) *Reynaldo Bautista Jr., Luz Suplico-Jeong and JhonaCamba* (De La Salle University, Philippines)

	<p>Utilization of Printed and Electronic Learning Materials among Undergraduate Students in Earist - College of Business Administration: Basis for Promoting Informational Literacy <i>Willy O. Gapasin</i> (Eulogio "Amang" Rodriguez Institute of Science and Technology, Philippines)</p> <p>Collaboration of Academia and Airport Management Consultant: The Design and Development of Airports in Border and Disaster-prone Regions, North Borneo, Indonesia <i>M. Ikhsan Setiawan, Ronny D. Nasihien, Agus Sukoco and Qausya Faviandhani</i> (Narotama University, Indonesia)</p> <p>Bridging the Competency Gap of Skilled Labour through Higher Education <i>Dimas Andyan Indra Dhanurukma</i> (Narotama University, Indonesia)</p>
13:00 - 14:00	Lunch Break
14:05 - 16:45	<p>Parallel Session 3 (*10 minutes each presentation)</p> <p>SESSION 3.1 : Gallery 2 (Level 2) Session Chair : Alma Berowa (Mindanao State University)</p> <p><u>Concepts at the Heart of Learning</u> Factors Influencing Foreign Students' Decision to Participate in an Educational Tourism Program: A Case Study of Asia Summer Program 2016 <i>Vilasinee Bunyasrie and Karnchana Phakpho</i> (Bangkok University, Thailand)</p> <p>Indonesian Children Song "Balonku" as Means for Students to Comprehend Accounting Definition <i>Novi Nurul Quina and Santirianingrum Soebandhi</i> (Narotama University, Indonesia)</p> <p>Alternative Learning System (ALS): The Experience of the University of the City of Manila (Pamantasan ng Lungsod ng Maynila), Philippines <i>Cecilia Junio-Sabio and Gina A. Opiniano</i> (University of the City of Manila, Philippines)</p> <p>Qualifications' Profile and Preparedness of Elementary English Teachers in the District of Bacoor City: Basis for Training Programs <i>Ruie Lorenz M. Reyes</i> (Department of Education City of Bacoor, Philippines)</p> <p>Using Self-assessment and Peer Assessment to Encourage the Desired Learning Culture <i>Christine Arthur</i> (Sunway University, Malaysia)</p> <p>The Influence of Religiosity and Spirituality on Counselor's Self-efficacy in Dealing with Ethical Issues <i>Neerushah Subarimaniam and Noor Syamilah Zakaria</i> (Universiti Putra Malaysia)</p> <p><u>Other Education Topics</u> Fulfilment of ASEAN Economic Community Market Needs through ASEAN Course in University and ASEAN Study Center <i>Rinda Amalia, Ani Wilandari and Elok Damayanti</i> (Narotama University, Indonesia)</p> <p>The Power of PhoTransEdit and Natural Reader Software in the Teaching Oral Reading Fluency <i>Varia Virdania Virdaus</i> (Narotama University, Indonesia)</p> <p>Major Challenges of Hasanuddin University within Global Perspective <i>Muhammad Iqbal Djawad and Dwia A.T. Pulubuhu</i> (Hasanuddin University, Indonesia)</p> <p>Higher Education: A Study of Leaders' Style and their Level of Involvement Perceived by the Academic Staff Members <i>Jenny Ngo</i> (Sekolah Tinggi Teknik Surabaya, Indonesia)</p> <p>National Standard of Higher Education and ISO Quality Management System: A Powerful Duet Building Competitive Advantage <i>Hermien Tridayanti and Ani Wulandari</i> (Narotama University, Indonesia)</p>

SESSION 3.2 : Gallery 3 (Level 2)

Session Chair : Prof. Le Tran Binh (University of Science and Technology of Hanoi)

Use of Innovative Technology in Learning (Online and Mobile Learning)

A School Web-Based Consultancy Program for Parents Working Abroad *Ruth Ann Musngi and Michael Jessie Theodore Sese* (Saint Michael's College of Laguna, Philippines)

The Use of Technology in the Classroom: Upgrading of Reading Ability of Selected E-Learning Students at Marikina Science High School *May C. Francisco and Cecilio S. Volante III* (Marikina Science High School, Philippines)

An Exploratory Study in Institutionalizing Open Distance Learning in Levels of Tertiary Education: The Philippine Context *Larry Javier Ambion* (San Beda College, Philippines)

A Structural Framework for Online Architectural Design Studio Informal Learning *Roslina Sharif and Mohamed Rashid Embi* (Universiti Putra Malaysia and Universiti Teknologi Malaysia, Malaysia)

Content Management System: An Aid for Quality Instruction *Benrie James B. Nufable, Joel T. Balidio and Hubert T. Gamboa* (La Consolacion College Bacolod, Philippines)

Online Focus Group Discussion: Enhancing the Architectural Education in a Catholic School *Vincent Raymund Y. Alovera* (La Consolacion College Bacolod, Philippines)

Professionalism on Social Media Usage among Medical Students in Universiti Putra Malaysia, Serdang *Faridah Idris, Puteri Shanaz Jahn Kassim, Sayyidah Aqilah Ridzuan and Muhammad Afwan Shamsulbaharin* (Universiti Putra Malaysia, Malaysia)

Global Classroom Experience based on Subject-to-Subject Collaborative Learning Approach between Engineering and Non-Engineering Courses *Gan Leong Ming* (Universiti Malaysia Pahang, Malaysia)

Blending and Flipping the Right Way: Key Success Factors in Implementing the New Learning Paradigm *Mohamad Ridwan Othman* (Taylor's Education Group, Malaysia)

Other Education Topics

Developing Teaching Model Based on Chemistry Students' Mental Model from Different Cultural Perspectives *Achmad Ridwan, Yuli Rahmawati and R.A. Hirmana Wargahadibrata* (Universitas Negeri Jakarta, Indonesia)

Learning Outcomes in Tagalog-Manila and English Based Instruction towards an Enhanced Implementation of the Mother Tongue Program *Flormay O. Manalo* (University of the East – Manila, Philippines)

SESSION 3.3 : Gallery 4 (Level 2)

Session Chair : Dr. Maria Cecilia Marcos (Adamson University)

Academia and Industry Linkages

Students Internship Project as One of the Learning Experiences *Natalia Damastuti, Santirianingrum Soebandhi and Awalludiyah Ambarwati* (Narotama University, Indonesia)

Information Analytics in Academe through the Application of K-Means Clustering Technique in Identifying Career Paths of Students *Froilan De Guzman, Mark Jayson Lay and Sheila Abaya* (University of the East – Caloocan, Philippines)

Student's Entrepreneurial Intention: From Concept to Measurement *Bayu Airlangga Putra and Hermien Tridayanti* (Narotama University, Indonesia)

Factors Motivating Teachers to Choose Teaching as a Career *Ab. Rahim Bakar, Noor Syamilah Zakaria, Shamsiah Mohamed, Norazizalina Mat Najib and Siti Hajar Nabilah Amran* (Universiti Putra Malaysia, Malaysia)

University-Industry Collaboration to Support 1 Million Houses Program in Indonesia *Sri Wiwoho Mudjanarko, Koespiadi, Helmy Darjanto and M. Ikhsan Setiawan* (Narotama University, Indonesia)

Business English Course as Practical Enabler of Global Competition for Students of Narotama University *Elok Damayanti, Sri Wiwoho Mudjanarko, Ani Wulandari, Iswahyu Dhaniarti, Hermien Tridayanti and Rinda Amalia* (Narotama University, Indonesia)

University and e-Commerce Company Collaboration to Support Small and Medium Enterprises (SMEs) in Online Shopping *Agus Sukoco, Santirianingrum Soebandhi and M. Ikhsan Setiawan* (Narotama University, Indonesia)

Design and Development of NFC Based Application for Philippine Higher Education Institution Services and Facilities *Archie O. Pachica* (Mindanao University of Science and Technology, Philippines)

An Indonesian Perspective for Strengthening the Triple Helix of Academia in Higher Education and Industry *Ni Nyoman Tri Puspaningsih* (Universitas Airlangga, Indonesia)

Benefits of Industrial SMEs Role as A Means of Student Entrepreneurial Learning *Andini Dwi Arumsari, Sri Wiwoho Mudjanarko, Bustomi Arifin, Natalia Damastusti and Devita Anggraini Lestari* (Narotama University, Indonesia)

Leadership Learning through Mentoring Process: Academia, Ministry and Industry Linkages in Developing Positive Youth Development among Selected University Students and Graduates in Malaysia *Mohd Mursyid Arshad, Ismi Arif Ismail, Turiman Suandi and Zoharah Omar* (Universiti Putra Malaysia, Malaysia)

SESSION 3.4 : **Gallery 5 (Level 2)**

Session Chair : Assoc. Prof. Suet Ching Lee (University of Hong Kong, Hong Kong)

Use of Innovative Technology in Learning (Online and Mobile Learning)

Students' Perspective of the Use of e-Learning in the Tertiary Level: Challenges and Opportunities *Ronaldo A. Manalo, Ronaldo R. Cabauatan, Belinda V. de Castro and Chin Uy* (University of Santo Tomas, Philippines)

Assessment of Learning Outcomes in Selected Topics in Physics using Predict-Observe-Explain with Integration of Virtual Laboratory (POE-IVL) *Adelma S. Topacio* (Congressional National High School, Philippines)

Policy Issues on the Institutionalization of Open Distance Learning Act of 2014 *Ralph A. Sabio and Norliza M. Nordan* (University of the City of Manila, Philippines)

Acceptance and Perspectives of Teachers and Students about the Effectiveness of Genyo e-Learning System *Virginia Mara Mascardo Favis* (St. Scholastica's Academy of Marikina, Philippines)

Harmonisation of Blended Learning Design in True Practice and Allocated Courses via CIDOS LMS to Nurture Teaching and Learning Engagement *Norhafizah Ismail, Ahmad Fauzi Mohd Ayub, Aida Suraya Mohd Yunus and Habibah Ab Jalil* (Universiti Putra Malaysia, Malaysia)

The Effects of Hybrid Method of Teaching on Students' Academic Performance towards Mathematics *Luisito Lolong Lacatan* (Adamson University, Philippines)

Smart Classrooms Training Model on Learning and Teaching Effectiveness for Teachers *Snit Sitti, Siriprapa Wiratjaraenpun, Tunwadee Kreethawate, Parinthorn Boonruang and Srikul Nuntachompoo* (Maejo University, Thailand)

Blended Learning: A System Development Facilitating Simultaneous Independent and Collaboration Learning Process for La Consolacion University Philippines *Joseph D. Espino and Divina Ann M. Eusebio* (La Consolacion University, Philippines)

	<p>Towards Open Access Education: UM's Journey in Preparing Academics <i>Fauza Abdul Ghaffar, Farrah Dina Yusop, Abdul Halim Sulaiman, Zahiruddin Fitri Abu Hassan, Nur Azah Hamzaid, Amira Sariyati Firdaus, Mahmoud Danaee, Mohd Hairolnezam Kahmis and Norazura Hassim</i> (Universiti Malaya, Malaysia)</p> <p>Facebook Group and Student Engagement <i>Santirianingrum Soebandhi, Natalia Damastuti and Novi Nurul Quina</i> (Narotama University, Indonesia)</p> <p><u>Other Education Topics</u></p> <p>ICT-afforded Borderless Education: Recent Developments and Institutional Strategies <i>Mohamad Kadim Suaidi, Wan Hashim Wan Ibrahim and Chwen Jen Chen</i> (Universiti Malaysia Sarawak, Malaysia)</p>
16:45 - 17:00	Tea Break
17:00 - 17:20	CLOSING CEREMONY : Millennium Grand Ballroom 2
7 December 2016 (Wednesday): Tour	

