

# Conference Proceedings 2018



**THE ICBTS**  
Research Conference Proceedings 2018

**International Academic Multidisciplinary Research Conference 2018**

**Proceeding of**

**INTERNATIONAL BUSINESS ECONOMIC TOURISM SCIENCES TECHNOLOGY  
HUMANITIES SOCIAL SCIENCES AND EDUCATION RESEARCH CONFERENCE**

*Vienna, Austria  
1-3 March, 2018*

**THE 2018 ICBTS**



**Edited by Kai Heuer, Wismar University, Germany  
Hiromi Ban, Nagaoka University of Technology, Japan  
Ali Fuat Guneri, 1Yildiz Technical University, Turkey  
Vipin Nadda, University of Sunderland, United Kingdom  
Chayanan Kerdpitak, ICBTS Conference & Publication, USA.**

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**Conference Three Themes**

*The International Business Tourism and Applied Sciences Research Conference*

*The International Education Social Sciences and Humanities Research Conference*

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## THE 2018 ICBTS

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By Dr. Chayanan Kerdpitak & Professor Dr. Kai Heue & Professor Dr. Ebrahim Soltani, ICBTS Institute Conference Center & IJBTS International Journal of Business Tourism and Applied Sciences

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## INTRODUCTION

We would like to welcome our colleagues to the International Business Education Social Sciences Humanities Tourism Transport Technology Research Conference. It is the nine series in 2017 of Conference on Business Tourism and Apply Sciences was held in Paris. As always many members of the ICBTS 2017 community look forward to meeting, sharing and exchanging their research ideas and results in both a formal and informal setting which the conference provides. Likewise, the concept of alternating the international conference every one month on April to October between Europe and the rest of the world is now well established. This year's event in Madrid (Spain) London (UK) Las Vegas (USA) Munich (Germany) Amsterdam (Netherlands) Zurich (Switzerland) London (United Kingdom) Berlin (Germany) Paris (France) and another continues with the cultural following the very successful and productive event held in London in February 2018 in the field of various types for international academic research conference on Business Education Social Sciences Humanities and Technology. As usual The ICBTS 2018 brings together leading academics, researchers and practitioners to exchange ideas, views and the latest research in the field of Business Tourism and Apply Sciences.

The theme of this event The 2017 ICBTS International Business Tourism Social Sciences Humanities and Education Research Conference is "Opportunities and Development of Global Business Economics Social Sciences Humanities and Education" It is also represents an emerging and highly challenging area of research and practice for both academics and practitioners a like, The current industrial context is characterized by increasing global competition, decreasing product life cycles, Global Business, Tourism Development, Social Sciences Humanities Education Apply Sciences and Technology collaborative networked organizations, higher levels of uncertainties and, above all, and customers. In our view holding this event in Paris represents a timely opportunity for academics and researchers to explore pertinent issues surrounding Business Economics Tourism Social Sciences Humanities Education Sciences and Technology.

Potential authors were invited to submit an abstract to the International Conference Session Chairs. All abstracts were reviewed by two experts from the International review committee and final papers were further reviewed by this volume with 30 contributing authors coming from 18 countries. This book of proceedings has been organized according to following categories:

- Business
- Management
- Marketing
- Accounting
- Financial
- Banking
- Economic
- Education
- Marketing
- Logistics Management
- Social Sciences
- Supply Chain management
- Industrial Management
- Information Technology
- Sciences Technology
- Transport and Traffic
- Tourism Strategic
- Tourism Management
- Tourism Marketing
- Tourism Development Policy and Planning
- Technology Application
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## **SPEAKER BACKGROUND**



### **Dr. Tariq Khan**

**Dr Tariq Khan** is a Lecturer and Director of Postgraduate Programmes of Business School in Brunel University, Uxbridge, London, United Kingdom. He received his BEng in Aerospace Engineering from Kingston University, his MSc in Manufacturing Technology from University of Warwick, and his PhD in Intelligent Education Systems from University of Salford. He subsequently worked as a research associate in Heriot-Watt University Edinburgh and as a senior lecturer at London Metropolitan University. He has specialist teaching in Business Process Modelling, Web Programming, Software Engineering, Classical Logic, Human Computer Studies. He has Book and published over 20 papers and reports in such journals as Information Systems Evaluation and Integration (ISEing). He supervised a considerable number of PhD theses and is a consultant on business and supply chain and engineering industry in England and United Kingdom.

# **International Academic Multidiscipline Research Conference in Vienna 2018**

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## 2018 ICBTS CONFERENCE VIENA PROGRAM

<b>The 2018 ICBTS International Multidiscipline Research Conference</b>	
<b>1 March 18</b> 9.00- 09.30 (TH)	<b>REGISTRATION &amp; WELCOME</b> Welcome meeting at The Roomz, Vienna, Australia
	<b>Academic Advisory &amp; Session Chair</b> Professor Dr. Kai Heuer, Germany Professor Dr. Hiromi Ban, Japan
<b>1 March18(M)</b>	<b>Session A</b>
<b>1 March 18 (TH)</b> 09.00-10.30 (TH)	<p><b>Session A1</b></p> <p><b>Paper 1(2)</b> STRENGTHENING OF LEG MUSCLES WITH SELF STIMULATES MASSAGE IN THAI TRADITIONAL MEDICINE IN SCHOOL AGE CHILD <i>NATSINEE SANSUK</i></p> <p><b>Paper 2(23)</b> THE UNIVERSITY STAFF SURVEY: NUTRITIONAL STATUS AND FOOD CONSUMPTION BEHAVIOR <i>KANIT NGOWSIRI AND KUNYA NAPAPONGSA</i></p> <p><b>Paper 3(412)</b> COGNITIVE, PHYSICAL, SOCIAL AND EMOTIONAL DEVELOPMENT OF A CHILD <i>DR. REHAB BEGUN</i></p> <p><b>Paper 4(31)</b> THE ROLE OF SUPERVISOR ON PERCEPTION OF GENERATION Y NURSING STUDENTS ON THEIR NURSING SKILLS AFTER THEIR FIRST CLINICAL PRACTICE <i>KANCHANAKIATKANON AND WARUNSIRI PRANEETHAAM AND ORATHAI RUNGVACHIRA AND NAPISSARADHIRANTHARA AND PETCHARAT TACHATHAWEWON</i></p> <p><b>Paper 5(35)</b> SELF AWARENESS OF BLOOD SUGAR CONTROLL FOR THAI COMMUNITY DM. AT PREMRUTHAI PRAVATE COMMUNITY BANGKOK TIPAPAN SUNGKAPONG AND BOONSRI KITTICHOTTIPANICH AND CHANTANA CHANGCHENVATE</p> <p><b>Paper 6(32)</b> SELF-ASSESSMENT OF NURSING PRACTICES AND MIDWIFERY OF GRADUATES IN COLLEGE OF NURSING AND HEALTH, SUAN SUNANDHA RAJABHAT UNIVERSITY <i>KANYA NAPAPONGSA AND KANIT NGOWSIRI</i></p>
10.31 - 10.45	Morning Break
10.46 - 12.00	<p><b>Session A 2</b></p> <p><b>Paper 1(18)</b> FACTORS PERSUADING IMPRESSION OF PREGNANT WOMEN ATTENDING AT HIGH RISK PREGNANCY CLINIC <i>BOONSRI KITTICHOTTIPANICH AND SUWANMANEE WUTTI AND PRAPAIWAN DANPRADIT AND CHANTANA CHANGCHENVATE</i></p> <p><b>Paper 2(20)</b> A STUDY ON HAND HYGIENE COMPLIANCE FOR EDUCATION AMONG VISITORS IN MEDICAL UNIT <i>ORATHAI RUNGVACHIRA AND APINYA KOONTALAY AND WARUNSIRI PRANEETHAM AND KANCHANA KIATKANON AND MANEERAT PAKTOOB</i></p>

	<p>Paper 3 (33) ISSUES AFFECTING ADOPTION OF PERSONALIZED MEDICINE <i>Dr. Shehla Shehla</i></p> <p><b>Paper 4(22)</b> EFFECTS OF EMPOWERMENT PROGRAM ON DEMENTIA PREVENTIVE BEHAVIOR IN ELDERLY <i>CHOTISIRI, L AND TECHAPONGVORACHAI, K</i></p> <p><b>Paper 5(30)</b> THE MODEL TO STRENGTHEN THE MORAL AND THE BASIC FOR THE FORTH YEAR NURSING STUDENTS IN COLLEGE OF NURSING AND HEALTH, SUAN SUNANDA RAJABHAT UNIVERSITY <i>CHANTANA CHANGCHENVATE</i></p>
12.01-13.00	<b>Lunch Break</b>
13.01-14.15	<p><b>Session A 3</b></p> <p><b>Paper 1 (15)</b> MARKER-LESS BASED DETECTION OF REPETITIVE AWKARD POSTURES FOR CONSTRUCTION WORKERS <i>Ren-Jye Dzung and Yi-Pin Chiang and H.H. Hsueh</i></p> <p><b>Paper 2 (9)</b> DOES RAIN WASH OUT PARTICULATE MATTER? AN APPLICATION TO THE EFFECT OF AIR POLLUTION ON INFANT MORTALITY <i>Mehreen Mookerjee</i></p> <p><b>Paper 3 (42)</b> ELECTROHYDRODYNAMIC STRUCTURES FOR SURFACE ENHANCED RAMAN SCATTERING BASE POINT-OF-CARE DIAGNOSTICS <i>Professor Dr Pola Goldbrerg Oppenheimer and Dr JJ Rickard</i></p> <p><b>Paper 4 (37)</b> THE DEVELOPMENT OF THAI ENGINEERS' POTENTIALS FOR AEC <i>NATNAPORN AEKNARAJINDAWAT</i></p> <p><b>Paper 5 (45)</b> METRICAL FEATURE EXTRACTION OF ENGLISH TEXTBOOKS IN FINLAND <i>Professor Dr. Hiromi Ban and Takashi Oyabu</i></p>
14.16-15.30	<p><b>Session A4</b></p> <p><b>Paper 1(9)</b> DEVELOPMENT OF CAVENDISH BANANA CAKE FROM JUSMINE RICE FLOUR REPLACING WHEAT FLOUR <i>NUNYONG FUENGAJORN FUNG</i></p> <p><b>Paper 2(24)</b> EXPLANATORY MODEL BASED ON PERSPECTIVES OF DIABETIC PATIENTS IN NORTHERN THAILAND <i>SUKANYA BOONVARASATIT, WANICH SUKSATHAN, KANTAPONG PRABSANGOB</i></p> <p><b>Paper 3(26)</b> PERCEPTION OF HEALTH STATUS AND SELF-EFFICACY OF AGING: SAMUT SONGKHRAM PROVINCE <i>WIPAKON SONSNAM AND MUNTHANAWADEE MAYTAPATTANA</i></p> <p><b>Paper 4(7)</b> THE NEED FOR FDI INVESTMENT OF LATEX RUBBER IN THAILAND <i>PICHET TREEWAI AND HATHAIKAN CHOOTRAKOOL</i></p> <p><b>Paper 5(8)</b> PRODUCT DEVELOPMENT OF BREAD WITH SANGYOD RICE FLOUR SUBSTITUTED FOR WHEAT FLOUR <i>JIRAPORN WEENUTTRANON</i></p>
15.31- 15.45	Afternoon Break
15.46 - 17.45	<p><b>Session A</b></p> <p><b>Paper 1 (27)</b> THE ANALYSIS OF KNOWLEDGE AND ABILITY OF UNDERSTANDING KANJI IN THAI STUDENTS AT THE BEGINNING LEVEL: THE CASE STUDY OF THE KANJI PROFICIENCY TEST AMONG</p>

	<p>UNDERGRADUATE STUDENTS AT SUAN SUNANDHA RAJABHAT UNIVERSITY  <i>RUDEEMAD RODSUK</i>  <b>Paper 2 (33)</b> E-BOOK USAGE BEHAVIOR OF UNDERGRADUATE STUDENTS  <i>RATANA VADEE TAKERNGSUKVATANA</i>  <b>Paper 3 (2)</b> INTERPRETING THE ONE-CHINA PRINCIPLE CROSS-STRAIT RELATIONS AND THE DEVELOPMENT OF CONFIDENCE-BUILDING MEASURES  <i>Chiashing Wu</i>  <b>Paper 4 (4)</b> DESIGN THINKING: AN APPROACH THAT SHAPED BANDUNG INTO CREATIVE CITY  <i>Zahra Syifa and Abubakar Ahmad</i>  <b>Paper 5 (40)</b> THE DEVELOPMENT OF TOURISM LOGISTICS AND SUPPLY CHAIN MANAGEMENT OF LAMPAYA FLOATING MARKET, BANGLEN, NAKHON PATHOM, THAILAND  <i>WATANYU CHOOPAK</i>  <b>Paper 6 (3)</b> EFFECTIVENESS OF SELF-HELP GROUP PROGRAM FOR IMPROVING HEALTH LITERACY AMONG TYPE 2 DIABETIC PATIENTS RECEIVING SERVICES AT SUB-DISTRICT HEALTH PROMOTION HOSPITALS IN BANGKONTHEE DISTRICT, SAMUT SONGKRAM PROVINCE, THAILAND  <i>KANTAPONG PRABSANGOB</i>  <b>Paper 7 (21)</b> THE ENHANCEMENT OF THE FACILITIES FOR THE DISABLED OR HANDICAPPED AND THE ELDERLY, STATE ENTERPRISE BUILDINGS  <i>Jitradadee Roongin Kunkar and Auntita Pankosol</i>  <b>Paper 7 (23)</b> THE PHYSICAL APPLICATION OF CERAMICS GLAZE FROM AGRICULTURE WASTE: ORANGE PEEL ASH  <i>Suraphan Rattana vadi</i></p>
<p><b>1 March 18 (TH)</b></p>	<p style="text-align: center;"><b>Session B</b></p>
<p><b>1 March 18 (TH)</b>  09.00-10.30 (TH)</p>	<p><b>Session B1</b>  <b>Paper 1 (1)</b> ENHANCING LANGUAGE COMPETENCY OF HUMAN RESOURCES AS A BUSINESS COMPETITIVE ADVANTAGE VIA ENGLISH FOR BUSINESS PURPOSES  <i>DUANGKAMOL THITIVESA</i>  <b>Paper 2 (44)</b> RESEARCH AND DEVELOPMENT OF READING LITERACY FOLLOW THE PISA TEST USING BY READING APPRENTICESHIP APPROACH  <i>TASANEE SATHAPONG</i>  <b>Paper 3 (28)</b> INTERDISCIPLINARY COLLABORATION BETWEEN FACULTY MEMBERS AND INSTRUCTIONAL DESIGNERS  <i>Fatimah Albrahim</i>  <b>Paper 4 (43)</b> STUDY OF CONDITIONS AND PROBLEMS OF ADMINISTRATIVE COMPETENCE OF SCHOOL PRINCIPALS ACCORDING TO PROFESSIONAL STANDARDS  TUANJAI DONPRASIT  <b>Paper 5 (12)</b> THE ADAPTATION OF THAI TRADITIONAL MEDICINE AND HERBS ENTREPRENEUR TO BECOME CULTURAL HEALTH SUPPLEMENTARY PRODUCTS: A CASE STUDY OF U-THAI PRASIT CORPORATION, MUANG DISTRICT, PRACHIN BURI PROVINCE  SAOWAPA PHAITHAYAWAT AND TIKHAMPORN PUNLUEKDEJ AND SUWAREE YODCHIM</p>

	<p><b>Paper 6 (6)</b> HOW DEVELOP TRADITIONAL TEXTILE TO MAKE THEM MODERN TO THE CONTEMPORARY WORLD THROUGH THE USE OF DIGITAL TECHNOLOGY <i>USAINI ALIYU</i></p>
10.31 - 10.45	<b>Morning Break</b>
10.46 - 12.00	<p><b>Session B 2</b></p> <p><b>Paper 1 (11)</b> ENGLISH INFLECTION IN PLURAL NOUNS WITH -O, -OO, -OE, -OU -OW, AND -EAU ENDING <i>SUWAREE YORDCHIM</i></p> <p><b>Paper 6 (42)</b> THE EFFECTS OF PROJECT-BASED LEARNING ON STUDENTS' ENGLISH LANGUAGE ABILITY <i>ABIGAIL MELAD ESSIEN</i></p> <p><b>Paper 3 (16)</b> PROFESSIONAL LEARNING COMMUNITY OF TEACHERS: A HYPOTHESIS MODEL DEVELOPMENT <i>SUCHEERA MAHIMUANG</i></p> <p><b>Paper 4 (28)</b> LESS IS MORE: CASE OF TEACHING JAPANESE CULTURE THROUGH PERFORMANCE-BASED LEARNING <i>PREMVADEE NA NAKORNPANOM</i></p> <p><b>Paper 5 (44)</b> GRASSROOTS HIGHER EDUCATION RESEARCH AND SUSTAINABLE DOCUMENTATION OF MINORITY LANGUAGES FOR REGIONAL ENTREPRENEURIALISM <i>Professor Francien Herlen Tomasowa</i></p>
12.01- 13.00	<b>Lunch Break</b>
13.01-14.00	<p><b>Session B 3</b></p> <p><b>Paper 1 (3)</b> SEEKING RELEVANCE: SHOULD A DIAGRAM BE NOTICED WHEN SOLVING A MATHEMATICS PROBLEM? <i>Professor Dr. Brian D. Beitzel</i></p> <p><b>Paper 2 (32)</b> BEYOND THE DISCIPLINE: DIALOGUES ON INTERDISCIPLINARY LEARNING AND TEACHING IN THE HUMANITIES <i>Professor Nuria Alonso García Prof.</i></p> <p><b>Paper 3 (41)</b> CLASSROOM ACTION RESEARCH FOR TEACHING MATHEMATICS IN SECONDARY SCHOOLS <i>KANOKRAT KUNASARAPHAN</i></p> <p><b>Paper 4 (17)</b> FLOOR PLAN-ANALYSIS, LIGHTING AND PHYSICAL ENVIRONMENT OF CLASSROOM DESIGN CORRESPONDING IN THE 21<sup>ST</sup> CENTUR EDUCATION <i>Dr. Preechaya Krukaset</i></p>

14.01-15.15	<p><b>Session B 4</b></p> <p><b>Paper 1 (13)</b> NETWORK INTERACTION IN THE HOSPITALITY INDUSTRY AND ITS IMPACT ON THE FINANCIAL CONDITION OF THE HOTEL COMPANY <i>Natalia Baranova and Liudmila Bogatyreva and Marina Efremova</i></p> <p><b>Paper 2 (14)</b> SECONDARY TOURISM DESTINATION WITH HERITAGE POTENTIALS, KHIRIWONG COMMUNITY, NAKHON SI THAMMARAT, THAILAND <i>NUNTANA LADPLEE</i></p> <p><b>Paper 3 (13)</b> INTENTION TO VISIT GREEN HOTEL: A CASE STUDY OF THAI TRAVELERS <i>KANYAPILAI KUNCHORNSIRIMONGKON</i></p> <p><b>Paper 4 (10)</b> SECONDARY AND FRINGE TOWNS ALONG THE NORTHERN THAILAND ROUTE FOR SELF-DRIVE TOURISM: AN INVESTIGATION OF TOURISTS' PERCEIVED SOUVENIR QUALITIES AND ATTRIBUTES PREDICTING DECISION MAKING TO PURCHASE <i>SIRIPEN YIAMJANYA</i></p> <p><b>Paper 5 (17)</b> THE STUDY OF CLIENT REQUIREMENTS IN CHOOSING ACCOMMODATION IN SURIN PROVINCE <i>KANAMON SUWANTADA</i></p>
15.16- 15.30	<b>Afternoon Break</b>
15.31- 17.45	<p><b>Session B 5</b></p> <p><b>Paper 1(10)</b> THE BELIEF OF HOLY MAN AND ITS INFLUENCE IN THAI SOCIETY: PAST AND THE PRESENT <i>Dr.Siriporn Dabphet</i></p> <p><b>Paper 2 (4)</b> PROBLEMS AND METHODS OF DEVELOPING THE ENTERPRISE RESOURCE PLANNING SYSTEM OF SUAN SUNANDHA RAJABHAT UNIVERSITY <i>PIYARAT SAWETTADUL AND TEERAWIT TINPRAPA</i></p> <p><b>Paper 3 (5)</b> THE STUDY OF MANAGING THE FACTORS OF STUDENT TRANSPORTATION TO ATTEND THEIR CLASSES ON SCHEDULE <i>TANYALUK SUPHANATE AND CHATTRARAT HOTRAWAISAYA</i></p> <p><b>Paper 4 (11)</b> THE EFFECT OF MICE STAKEHOLDERS' PERCEPTION ON DECISION MAKING: Aqaba City as a Potential MICE Destination <i>Dr. Omar Alananzeh</i></p> <p><b>Paper 5 (6)</b> THE STANDARD OF MONITORING THE PERFORMANCE OF SUAN SUNANDHA INTERNATIONAL SCHOOL OF ART <i>NATTACHA LEEPANYAPORN</i></p> <p><b>Paper 6 (45)</b> SAFETY BEHAVIORS OF EMPLOYEES IN MANUFACTURING OPERATIONS <i>NATAWADEE PUTTAWONG AND ASST. PROF. DR. WITTHAYA MEKHUM AND WUTTHIKORN MALIKONG</i></p> <p><b>Paper 7 (36)</b> THE QUALITY ENHANCEMENT OF COMPETITIVE POTENTIALS FOR THAI ENTREPRENEURS <i>KANITTHA SESKHUMBONG AND SOMDECH RUNGSRISAWAT</i></p> <p><b>Paper 8 (19)</b> COMMUNICATION DESIGN PROJECT FOR PROMOTING THE IDENTITY OF KLONG YONG DISTRICT, NAKHON PATHOM <i>Supatra Lookraks and Preechaya Krukaset and. Suraphan Rattanavadi and. Jitravadee Roongin Kunkar and Khwanchai Sukkon and Jitima Seutong</i></p>

	<p><b>Paper 9 (20)</b> QUEER IMAGES IN THAI CONTEMPORARY DANCE: A CASE STUDY OF 18 MONKEYS DANCE THEATRE <i>Sun Tawalwongsri</i></p>
<b>2 March 18 (F)</b>	<b>Session C</b>
2 March 18 (F) 09.30 - 10.30	<p><b>Session C1</b></p> <p><b>Paper 1(7)</b> THE DETERMINATION OF BODY IMAGE AND LIFE SATISFACTION OF DISABLED WOMEN <i>EDA PURUTÇUOĞLU and CEMİLE AKSEL</i></p> <p><b>Paper 2 (35)</b> MEDICAL AND PUBLIC HEALTH SECRETARY IN THAILAND'S PRIVATE HOSPITALS <i>Pongsak JAROENNGARMSAMER</i></p> <p><b>Paper 3 (36)</b> THE RESULT OF WATER FLOW AND SETTLE ON FERROUS ION REMOVAL EFFICIENCY IN AQUEOUS SOLUTION <i>Mr. Thanya Promsorn</i></p> <p><b>Paper 4 (12)</b> Evaluation of the levels of heavy metals, Dissolved Organic Phosphorus (DOP) and Nitrogen (DON) in three Wetlands of Northern Nigerian <i>Shaibu Yusuf and Audu, A. A. And Waziri, M. K. Jigawa</i></p>
10.31 - 10.45	<b>Morning Break</b>
10.46 - 12.00	<p><b>Session C2</b></p> <p><b>Paper 1(38)</b> THE ENHANCED ACTIVITIES SKILL AFFECT READING ENGLISH LANGUAGE OF EARLY CHILDHOOD <i>Phanee Rojanabenjakun</i></p> <p><b>Paper 2 (14)</b> Legal education to support social evaluation in Pakistan <i>Riaz Pervez</i></p> <p><b>Paper 3 (25)</b> Teaching English to students with autism: Montessori-Oriented versus Audio-Lingual Method <i>Mahsa Rezvani</i></p> <p><b>Paper 4 (26)</b> A Practical Guide to Collaborative Writing Assignments as a Pedagogical Technique in Higher Education Implemented in an Economics Course <i>Bahia Braktia and Belkacem Braktia</i></p> <p><b>Paper 5 (31)</b> Initiatives towards peace process in the jammu and kashmir state in the post kargil era <i>Pinki maurya</i></p> <p><b>Paper 6 (15)</b> CUSTOMER AIRLINES' EXPECTATION AND SATISFACTION ON CARGO GROUND SERVICE: A CASE STUDY OF CARGO GROUND SERVICE IN THAILAND <i>KANGWARN PHOTHONG AND KORAWIN KUNGWOLA</i></p>
<b>2 March 18(F)</b>	<b>Session E</b>

<p>2 March 18 (F) 09.30 – 10.30</p>	<p><b>Session E1</b>  <b>Paper 1(46)</b> The stability Study of Clinacanthus nutans or Prayayor cream declared in National List of essential Medicines B.E.2560  <i>Dr. Nophadon Luangpirom</i>  <b>Paper 2 (47).</b> Accepting Factors on Uterine Firming Massage in Thai Traditional Medicine Services  <i>Wannee Promdao</i>  <b>Paper 3 (40)</b> ELECTRONIC SPREADSHEET PACKAGE IN OFFICE MANAGEMENT: A KEY DRIVE FOR SECRETARIES AND ADMINISTRATION DUTIES  <i>Chibuzo Emmanuel Amah N.</i>  <b>Paper 4 (41)</b> Integrating receptive and productive language skills in ESP courses on the Moodle platform  <i>Orit Zeevy-Solovey</i></p>
<p>10.31 - 10.45</p>	<p>Morning Break</p>
<p>10.46 - 12.00</p>	<p><b>Session E2</b>  <b>Paper 1 (43)</b> ROYAL THAI CUISINE OF SUAN SUNANDHA PALACE FOR HEALTH ON THE THEORY OF THAI TRADITIONAL MEDICINE  <i>Dr. Supalak Fakkham</i>  <b>Paper 2(33)</b> The Impact of Quality Information on the Environmental Accounting Disclosure: A Case study for the Arabian Gulf Oil Company in Libya.  <i>Associate Prof.Dr. Eltayeb M. Elgobbi and Assistant Eltaib E. E. El-Ghannai</i>  <b>Paper 3 (34)</b> India's Act East Policy: Strategy for Economic integration with Southeast Asia  <i>Binit lal</i>  <b>Paper 4 (37)</b> India's Role in the Geopolitics of Indo-Pacific: Opportunities and Challenges  Vivek Kumar Saurabh  <b>Paper 5 (39)</b> The effect of Project - Based Learning on Undergraduate Students English for Specific Purposes (ESP) Courses  Aziza Kavlu</p>
<p>12.01</p>	<p>Conference Close</p>
<p><b>1 -2 March 18</b></p>	<p><b>Participation and Discussion</b></p> <ol style="list-style-type: none"> <li>1. Dr. Mustafa Arslan., Georgia,</li> <li>2. Dr. Dr Olufemi Aramide, Nigeria</li> <li>3. Dr. Asif Iqbal, China</li> <li>4. Professor Wang Zhuquan, China</li> <li>5. Dr. Sumit Kumar dey, India</li> </ol>
<p><b>3 March 2018</b></p>	<p><b>Free day for Participants</b></p>

# REGULATION, AND SELF CARE IN BASIC GOODNESS, FOR THE FORTH YEAR NURSING STUDENTS IN COLLEGE OF NURSING AND HEALTH, SUANSUNANDARAJABHAT UNIVERSITY

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## ABSTRACT

This research aims 1) to study the self-efficacy, self-regulation, and self-care about basic goodness prior and following dharma training for forth-year nursing students at College of Nursing and Health, SuanSunandhaRajabhat University, and 2) to compare self-efficacy, self-regulation, and self-care about basic goodness of forth-year students at College of Nursing and Health, SuanSunandhaRajabhat University. This survey research has sample size of 112 forth-year students at College of Nursing and Health, SuanSunandhaRajabhat University who participated in dharma training. The survey is conducted using a questionnaire based on the research objectives. Data are collected from studnets prior to and following to the dharma training. The results show that students has high levels of self-efficacy both prior to and following the training ( $\bar{x}$  = 2.52 and 2.89, S.D.= 0.34 and 0.22 respectively). The levels of self-regulation prior to and following the training are at medium and high level respectively ( $\bar{x}$  = 2.44 and 2.84 ,S.D.= 0.38 and 0.22). The levels of self-care about basic goodness prior to and following the training are both at high level ( $\bar{x}$  = 2.54 S.D.= 0.32). Comparing these three aspects prior to and following the training shows that the average level of self-efficacy, self-care, and self-regulation among students had increased following the training.

**Keywords:** Self-Efficacy, Self-Regulation, Self care and Basic Goodness,

## INTRODUCTION

The College of Nursing and Health has its main mission to produce a nurse practitioner, expertise with ethics and ethics and can lead the society. It is based on the mission of the university, which has the core mission of accelerating, developing and transforming education and teaching, to keep up with the changes that have taken place. The University Development Policy states the institution's commitment to identity as practitioner, expert, Communicator, Thinker and Public mind. A practitioner means a graduate with academic or professional ability with skills and commitment to work and commitment to self-progress with public mind, morality, ethics, help others, do good to the community, society and the nation.

The College of Nursing and Health, as a part of the policy drive, is responsible for the production of graduates in nursing and health with the knowledge and ability in both the theory and practice in accordance to professional standards. In addition, graduates should have moral and ethics in life and work, and leadership. There is an important mission in addition to producing quality nursing graduates; focusing on creating knowledge in nursing and health. It also provides academic and nursing services to the community and society, and to improve the quality of life for people in the community and society - including preserve, promote, develop and maintain art and culture.

The College of Nursing and Health has organized the moral and ethical activities of the fourth year students by training them to have basic goodness for nursing. Such goodness consists of cleanliness, orderly, politeness, punctuality, commitment to work, and the precept 5. These characteristics are used as a main model for the training courses and thus conduct a project about basic goodness and satisfaction prior to and

following the training of the nursing students of the 4th year Nursing and Health College. SuanSunandhaRajabhat University

The main objectives of this study are to:

1. Study Self-Efficacy, Self-Regulation, and Self-Care about basic goodness prior to and following dharma training for nursing students of the 4th year Nursing and Health College. SuanSunandhaRajabhat University
2. To compare self-efficacy, self-regulation, and self-care about basic goodness of forth-year students at College of Nursing and Health, SuanSunandhaRajabhat University between prior to and following dharma training.

## METHODOLOGY

This research is a survey on Self-efficacy, Self-regulation and confidence in self-care before, and after, the dharma training of 4<sup>th</sup> year nursing students. The population and sample is 112 4th year students in Bachelor of nursing science program, College of Nursing and Health, Academic Year 2559. The research tool is The self-efficacy, self-regulation, and self-care questionnaire. With regards to consent of participants, all participants have signed the informed consent form prior to participation in the survey.

## RESULTS

The results from the survey show that:

1. Basic knowledge on basic goodness for students prior to the dharma training the results are as follows:
  - a) Self-efficacy: The students' self-efficacy at the high level ( $\bar{x} = 2.52$ , S.D. = 0.35). It was found that students had self-efficacy on high level of good in ability to apply knowledge of cleanliness in everyday life ( $x = 2.57$ , SD = 0.50), Knowledge about orderly in everyday life ( $\bar{x} = 2.62$ , SD = 0.49). The ability to apply knowledge of modesty to everyday life ( $\bar{x} = 2.60$ , SD = 0.49). Meanwhile, the ability follows the advice of almost every speaker and subject and the ability to apply knowledge to concentrate in daily life are at medium level ( $\bar{x} = 2.31$  and  $2.46$ , S.D. = 0.48 and 0.340).
  - b) Intention to self-regulation: Before training it was found that the students had intention to self-regulation on basic good before the training as a whole at medium level ( $x = 2.44$ , SD = 0.38). For each sub-section, the students' self-regulation at high level on noticing the care and improvement of cleanliness ( $\bar{x} = 2.52$ , SD = 0.52), and always keep an eye on the improvement ( $\bar{x} = 2.53$ , SD = 0.50). The medium level is daily meditation -each day at least 10 minutes ( $\bar{x} = 2.08$ , S.D. = 0.57).
  - c) Self-care on basic goodness before training: Overall, they are at the high level ( $\bar{x} = 2.54$ , S.D. = 0.41). It was found that the students' intention to self-control was at the high level ( $x = 2.61$ , SD = 0.49). Confidence in self-regulation ( $x = 2.57$ , SD = 0.57). In addition, the self-care and punctuality ( $x = 2.55$ , SD = 0.52). The medium level was self-confidence in daily meditation ( $\bar{x} = 2.37$ , S.D. = 0.52).
2. Basic knowledge on basic goodness for students following the dharma training the results are as follows:
  - a) Self-efficacy: The students' self-efficacy at the high level ( $\bar{x} = 2.89$ , S.D. = 0.22) was found. It also found that students are perceived Self-efficacy on the high level in all aspects, with the highest is the ability to follow the instructor's instructions almost everything ( $\bar{x} = 2.85$ , SD = 0.36). ( $\bar{X} = 2.93$ , SD = 0.24). The ability to apply knowledge in everyday life ( $\bar{x} = 2.91$ , SD = 0.29). The ability

to apply knowledge of modest politeness to go In everyday life, ( $\bar{x} = 2.90SD = 0.29$ ). The ability to apply the knowledge of time to life in daily life ( $\bar{x} = 2.90SD = 0.29$ ) and the ability to apply meditation knowledge to life ( $x = 2.84SD = 0.377$ ).

- b) Intention to self-regulation: Self-regulation on self-discipline of the students after the training was found at a high level ( $x = 2.84, SD = 0.22$ ) in all aspects. Notice the care and improvement of the cleanliness ( $\bar{x} = 2.89SD = 0.32$ ). Keep observing the improvement of the rules ( $\bar{x} = 2.95SD = 0.23$ ). Modesty is gentle ( $\bar{x} = 2.88SD = 0.32$ ) and daily sitting meditation each day at least 10 minutes ( $\bar{x} = 2.54S.D. = 0.55$ ).
  - c) Self-care: The results show that the students are at the high level ( $x = 2.88, SD = 0.19$ ). It was found that the students' self-control behaviors were at the high level. ( $X = 2.92, SD = 0.27$ ) Self-confidence in self-regulation ( $\bar{x} = 2.92, SD = 0.27$ ) Confidence in self-care regarding politeness ( $x=2.89, SD = 0.32$ ). The self-regarding punctuality ( $\bar{x} = 2.89, S.D. = 0.31$ ). The confidence to care about meditation daily ( $\bar{x} = 2.73, S.D. = 0.44$ ).
3. Comparing the Self-efficacy, Self-regulation, and Self-Care about basic goodness and satisfaction of 4th year nursing students from The College of Nursing and Health, Suan Sunandha Rajabhat University prior to and following dharma training: The results found that the level of Self-efficacy, Self-regulation, and Self-Care and satisfaction of students in participating in the program after joining the program is higher than before joining the program, as shown in Table 1.

**Table 1**  
**Comparing the Self-efficacy, Self-regulation, and Self-Care about basic goodness and satisfaction of 4th year nursing students from The College of Nursing and Health, Suan Sunandha Rajabhat University prior to and following dharma training (n=112 students)**

Aspects of Basic Goodness	Prior to Training		Following Training		Interpretation
	$\bar{x}$	SD	$\bar{x}$	SD	
Self-efficacy	2.52	0.35	2.89	0.22	Average following training higher than prior to training
Self-regulation	2.44	0.38	2.84	0.22	Average following training higher than prior to training
Self-Care	2.54	0.41	2.88	0.20	Average following training higher than prior to training

### CONCLUSION AND FUTURE WORK

The analysis of data find that prior to the training, Self-efficacy of the students was at a high level, while self-regulation and self-care of the students were at a medium level. This indicates that before the training, students are unsure of their willingness to self-regulate their behavior and also unsure about confidence in self-care on basic goodness that are essential for the nursing students to receive the Dharma training. This is in line with Hutangul(1993) states that nursing education requires the production of graduates to have a moral and ethical knowledge that will serve as a basis of ethics for nursing practice.

The results of this research showed that after the training. The level of students in self-efficacy, self-regulation and self-care get higher and higher than before the training. As Bandura (1986) discusses that

learning is born of interaction between students and the environment. Most people's behavior is learned by observation from the good. The development of students' good deeds through the practice of meditation is a good model. Students can imitate and implement effectively.

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