

PROCEEDINGS

REIMA-2019

**2nd International Conference on Recent
Advances in Engineering, Image Processing
Manufacturing & Applied Sciences**

Venue: Hotel MyStays Shin-Osaka Conference Center, Japan

Osaka, Japan

Date: Nov 30-Dec 01, 2019



CONFERENCE BOOK OF ABSTRACT PROCEEDINGS

Consortium-ET

Consortium of Engineering & Technology



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Book of Abstracts Proceedings

2nd International Conference on Recent Advances in Engineering, Image Processing, Manufacturing & Applied Sciences (REIMA-2019)

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Nov 30-Dec 01, 2019
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Proceedings of the 2nd International Conference on Recent Advances in Engineering, Image Processing, Manufacturing & Applied Sciences (REIMA)

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***2nd International Conference on Recent Advances in
Engineering, Image Processing, Manufacturing &
Applied Sciences (REIMA)***

Venue: Hotel MyStays Shin-Osaka Conference Center, Japan

Conference Theme: Forum for enhancement of research and developmental activities through networking and sharing ideas.



ADVISORY BOARD

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CONFERENCE TRACKS

- Computer and Software Engineering
- Mechanical & Metallurgical Engineering
- Electrical & Electronics Engineering
- Civil Engineering
- Bio-Technology & Food Technology
- Chemistry & Chemical Engineering
- Physical, Applied and Life Sciences
- Interdisciplinary

CONFERENCE CHAIR MESSAGE

Michael Sasaoka

“International Conference of Consortium of Engineering & Technology” is a platform that thrives to support the worldwide scholarly community to analyze the role played by the multidisciplinary innovations for the betterment of human societies. It also encourages academicians, practitioners, scientists, and scholars from various disciplines to come together and share their ideas about how they can make all the disciplines interact in an innovative way and to sort out the way to minimize the effect of challenges faced by the society. All the research work presented in this conference is truly exceptional, promising, and effective. These researches are designed to target the challenges that are faced by various sub-domains of the social sciences and applied sciences.

I would like to thank our honorable scientific and review committee for giving their precious time to the review process covering the papers presented in this conference. I am also highly obliged to the participants for being a part of our efforts to promote knowledge sharing and learning. We as scholars make an integral part of the leading educated class of the society that is responsible for benefitting the society with their knowledge. Let’s get over all sorts of discrimination and take a look at the wider picture. Let’s work together for the welfare of humanity for making the world a harmonious place to live and making it flourish in every aspect. Stay blessed.

Thank you.

Michael Sasaoka

Conference Chair

Email: contact@consortium-et.com



CONFERENCE AGENDA

DATE: Nov 30-Dec 01, 2019

LOCATION: Hotel MyStays Shin-Osaka Conference Center, Japan
Event Title: 2nd International Conference on Recent Advances in Engineering
Image Processing, Manufacturing & Applied Sciences (REIMA-2019)

Start Time

09:00 am - 09:30 am: Registration & Kit Distribution
09:30 am - 09:40 am: Introduction of Participants
09:40 am - 09:50 am: Inauguration and Opening address
09:50 am - 10:00 am: Grand Networking Session



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10:00 am - 11:00 am: First Presentation Session

Room 1

Track A: Business, Economics, Social Sciences & Humanities

Paper ID	Manuscript Title	Presenter Name
IRBEMSH-119 ANI103	The Analysis of Research Hotspot and Frontier of Educational Reform Based on Bibliometric	Jia-Ling Kang
MABES-NOV-101	The Correlation and Impact of Personality Traits, Job Characteristics, Emotional Intelligence toward Emotional Labor a Study with Nursing Staff as the Subjects	Yang Sheng Yu

Lunch Break & Ending Note (11:00 am - 12:00 pm)

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Participants Registered As Listener/ Observer

The following Scholars/ practitioners who don't have any paper presentation, however they will attending the conference as delegates & observers.

Official ID: REIMA-NOV19-104A

Dr Leszek Pilch

AGH University of Science and Technology in Krakow, Poland

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Conference Day 02 (December 01, 2019)

Second day of conference will be specified for touristy. Relevant expenses are borne by Individual him/herself.



*2nd International Conference on Recent Advances in Engineering
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TRACK A

BUSINESS, ECONOMICS, SOCIAL SCIENCES & HUMANITIES

The Analysis of Research Hotspot and Frontier of Educational Reform Based on Bibliometric

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Keywords: Educational Reform, Bibliometric, Intellectual Base, Research Frontier

The research literature included in the Web of Science (WOS) database from 2015 to 2019 was selected. Using advanced bibliometric methods such as word frequency analysis, co-word analysis, and data visualization, the scale of education reform of higher education research, published journals, regional output distribution, major research institutions, leading authors and their cooperation networks, high-frequency keywords and significant research the thematic structure, the source of knowledge, etc. were analyzed by bibliometric and visualized, and a series of knowledge maps of higher education research were drawn. To a certain extent, the degree of attention in higher education research, the main content of the research, and the output model of higher education research found to some extent and some phenomena and laws that are difficult to find by traditional research methods found.

The Correlation and Impact of Personality Traits, Job Characteristics, Emotional Intelligence toward Emotional Labor a Study with Nursing Staff as the Subjects

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Keywords: Personality Traits, Emotional Intelligence, Job Characteristics

The emphasis of medical service consists of the establishment of good interactive relationship with the clients. When facing clients, positive emotions shall be displayed, while the negative emotions shall be suppressed as to be beneficial for the hospitals image. Comparing to other industries, the medical industry has several differences. In addition to the uncertainty risks of the medical behaviors and the information asymmetry between physicians and patients, the medical staff also undergo through the interference of insurance companies and public policies, the systems limitations on National Health Insurance budgeting as well as the hospital business performances, which may cause the decrease of productivity, care quality and morale. In other words, high pressure and emotional management has a great impact toward the operation of the medical institution. Not only will it result in the decrease of care quality, the increase of training cost but also affect the continuity and care quality for the services provided to the patients. This study aims to explore the correlation and obvious impact of the nursing staffs personality traits, job characteristics, emotional intelligence toward emotional labor.

Adaptation of Thai Women whose husbands migrate to work abroad

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Keywords: Adaptation, Migration To Work Abroad

This article investigates the adaptation of women whose husbands migrate to work abroad. The qualitative research method was employed. In-depth interview was the tool and conducted with the key informants, including 20 Thai women who left behind international migration for more than one year and 10 key informants. Data were collected from April to May 2019 in Tumbon Kho Tai, Sawang Dandin district, Sakon Nakhon province; there is a district with the highest number of international migration. Content analysis method was applied to data analysis. The results showed that women whose husbands migrate to work abroad as a person who left behind have to adapt themselves by changing the way of agricultural production, household expense plans, and career. Thought involves the husbands migration patterns.

Factors Influencing Work-life Balance of Thai University Staff Members

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Keywords: Work-life balance, Job satisfaction, Attitude toward work, Organization Culture, Engagement

This article aims at explaining the factors influencing the work-life balance of Thai University staff members. The quantitative research method was applied based on the analytical unit at an individual level. The data was collected from January to February, 2018 using the questionnaire that measures peoples happiness with the sample group comprising 2,873 Khon Kaen University staff members (72.1% of the total of 3,898 members). The descriptive analysis and the multiple regression statistics were applied with the data in order to find the factors influencing the work-life balance of Thai university staff. The findings show female majority among the respondents (65.6%). Most of the sample group (44.4%) were at the Gen X age range (39-53 years), whereas 18.3% were at the Gen B age range (54 years old and over). Most (42.1%) hold a bachelors degree, 78% are supporting staff and 22.0% are academic staff members. The analytical results show the majority (64.8%) have the work-life balance while 35.2 percent do not. Age, absence of congenital disease, being supporting staff, perception of organization culture, job satisfaction, attitudes toward work and organization, and organization engagement are the factors significantly influencing the work-life balance at the level of 0.01. The factors studied explain the variation of the work-life balance of the staff at 41.7% ($R^2=0.417$).

Factors related to The Structural Violence in Women's work: A Case of Khon Kaen Province, Thailand

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Keywords: Structural Violence, Womens work, Violence in work

This research aims to examine factors related to structural violence in womens work. The quantitative methodology was employed with individual level as a unit of analysis. The sample consisted of 398 women who are working in government agencies and private enterprise. The samples were randomly by multi-stage sampling technique in 9 municipals of Khon Kaen province. The data were collected using the interview schedule from May to June 2018 and analyzed by descriptive statistics and Chi-square. The results found that most of women samples were in Generation Y (19-38 years old). 51.3% of women sample were married, and 43.7% got a bachelors degree or higher degree. Most of women sample was worked in large organizations and 40.7%of the women samples have worked more than 10 years. The result showed that 23.9% of women samples were subjected to the structural violence in work at a rather high level and high level (combined). When analyzing factors related to the structural violence in womens work with Chi-square, it was found that the characteristics of women (age and education level), work condition factors (the understanding of women's labor rights), and social and gender factors (socialization of gender roles and self-efficacy in work) are the factors that related to the structural violence in womens work at the low level of relationship at 0.265 0.214 0.270 0.315 and 0.224 respectively at statistically significant 0.01 level.

UP COMING EVENTS

You can find the details regarding our upcoming events by following below:

<http://consortium-et.com/upcoming-events/>

MISSION

To disseminate knowledge and help scholars, practitioners and administrators to promote the high quality research.

