

# CONFERENCE BOOK OF ABSTRACT PROCEEDING



**Venue: The Federal Kuala Lumpur, Malaysia**

**Date: February 17-18, 2020**

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# Book of Abstracts Proceedings

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## **ORGANIZING COMMITTEE**

**Dr. Vincent W Ho**

Conference Chair

**Ms Hungxin Li**

Conference Supervisor



## CONFERENCE TRACKS

- Social and Community Studies
- Arts
- Humanities
- Civic and Political Studies
- Cultural & Global Studies
- Environmental Studies
- Organizational Studies
- Educational and Communication Studies
- Economics, Finance & Accounting
- Business and Management Studies
- 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
- Medical and Health Sciences
- Paramedical Sciences
- Medicine Sciences
- Biological and Life sciences
- Veterinary Medicine and Sciences
- Food Science & Nutrition
- Agricultural sciences
- Interdisciplinary



## CONFERENCE CHAIR MESSAGE

**Dr. Vincent W Ho**

“International Conference of Akademika Nusa Internasional ” 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, business and economics, applied sciences, engineering and technology, health and medical 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.

Dr. Vincent W Ho

Conference Chair

Email: [info@anissh.com](mailto:info@anissh.com)





## CONFERENCE SCHEDULE

**ANISSH-2020**

**Venue: The Federal Kuala Lumpur 35 Jalan Bukit Bintang, 55100 Kuala Lumpur, Malaysia**

**Time: Registration & Kit Distribution (09:00 - 09:10 am)**

**Day: Monday**

**Date: February 17, 2020**

**Venue: Room 1**

09:10 am - 09:20 am	Introduction of Participants
09:20 am - 09:30 am	Inauguration and Opening address
09:30 am - 09:50 am	Key Note Speech By Salem Al- Anazi
09:50 am - 10:00 am	Grand Networking Session

**Tea/Coffee Break (10:00 - 10:30 am)**



**DAY 01 (February 17, 2020)**

**Presentation Session (10:30 am - 12:00 pm)**

**Venue: Room 1**

**Session Chair: Dr. Vincent**

**Track A: Business, Management, Economics, Social Sciences and Humanities Sciences**

<b>Paper ID</b>	<b>Manuscript Title</b>	<b>Presenter Name</b>
ELBSN-FEB20-004 & 005	Creating a Diploma Supplement Linked to Degree Awarding Policies when the Curriculum Comprises Mostly of Elective Subjects Yoshioka Tsuyoshi	Teruya Kensaku
IBEMSS-FEB20-001	Evaluation and Enhancement of the Efficiency in Special Transportation Services: Evidence from Korean Case	Sung-kwan An

**Track B: Engineering, Technology, Computer and Applied Sciences**

PRADA-FEB20-002	Use of Disposable Water Bottle Material to Mount Metallographical Samples	Boon-Chai Ng
RACEI-FEB20-CEAS101	Students Perception of a Student Information System	Ahmed Al-Hunaiyyan

**Lunch Break & Closing Ceremony**



*Society of Computer, Engineering  
Technology & Applied Science*

## 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:** ELBSN-FEB20-006  
Sulaiman Alshutwi  
DUniversity of Science, Malaysia

**Conference Day 02 (February 18, 2020)**

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



***TRACK A***

***BUSINESS, ECONOMICS, SOCIAL SCIENCES AND HUMANITIES***

# Evaluation and Enhancement of the Efficiency in Special Transportation Services: Evidence from Korean Case

<sup>1\*</sup>Sung-kwan An , <sup>2</sup> Choonjung Kwak  
<sup>1,2</sup>Pusan National University

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**Keywords:** DEA, Efficiency, Non-parametric Statistical Analysis, Special Transportation Services, The Transportation Vulnerable

Special Transportation Services (STS) are one of the transit welfare to guarantee the right of transportation of the disabled who are uncomfortable with public transportation. As the handicapped or the elderly increased, The Mobility Enhancement for the Mobility Impaired Act was enacted in 2005 in Korea. The Korean government actively increased the number of special vehicles for the disabled based on this ACT. As a result, the number of special vehicles owned by each municipality exceeded 100% of the national average in 2016 compared with the vehicle numbers specified by law. Therefore, if the government's policy has focused on quantitative growth to meet the number of special vehicles specified by law, it is necessary to consider more qualitative aspects now. This study used DEA to measure the comprehensive and relative efficiency of the STS in Korea. In addition, the environmental variables expected to affect the efficiency were analyzed statistically and the results were suggested for the efficiency improvement. The results of this study are expected to be helpful to government officials who are developing policies on STS, or to managers who seek to improve operational efficiency.



# Creating A Diploma Supplement Linked to Degree-Awarding Policies When The Curriculum Comprises Mostly of Elective Subjects

<sup>1\*</sup>Yoshioka Tsuyoshi,<sup>2</sup>Teruya Kensaku  
<sup>1,2</sup>Teikyo Heisei University, Japan

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**Keywords:** Diploma Supplement (DS), Degree-Awarding Policy (DP) ,DS linked to DPs, Elective Subjects

The Diploma Supplement (DS) is an attachment to a degree certificate that enhances transparency by clearly indicating the contents acquired. It is written in English and follows a standard template that describes the degree, qualifications, and awarding agency. In Japan, DSs have been introduced or considered for introduction at many universities in the past few years. Although each university may prepare a diploma supplement by its own methods, this study uses a DS creation method linked to degree-awarding policies commonly called diploma policies (DP) in Japan. Specifically, each subject is associated with a plurality of DP items and a student's contribution rate in a subject (subject learning rate) is set based on the contents of the DP items. The DS is created by multiplying the number of acquired credits by the subject learning rate of each DP and the learning evaluation level as the learning degree of each DP item. If all students are taking the same subjects, then a fair DS can be created by this method by calculating the learning degree. However, if a student's curriculum is mainly composed of elective subjects, then subjects taken vary by student. A fair DS would take into account only required subjects; therefore, a DS for a curriculum mostly comprised of electives cannot fairly represent student abilities. Responding to this asymmetry, we developed a method for creating a DS linked to DPs that accurately represents student abilities even when curriculum is mostly composed of electives.

***TRACK B***

***Engineering, Information Technology, Computer Applications & Applied  
Sciences***

# Students Perception of A Student Information System

<sup>1\*</sup> Ahmed Al-Hunaiyyan , <sup>2</sup> Rana Alhajri, <sup>3</sup> Bareeq Alghannam, <sup>4</sup> Abdullah Alshaher

<sup>1,3,4</sup> Computer Science & Info. Systems Department Public Authority for Applied Edu. & Training (PAAET), Kuwait.

<sup>2</sup> Computer Science Department Public Authority for Applied Edu. & Training (PAAET), Kuwait

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**Keywords:** Student Information System, E-Learning, ICT, HE, Usability

By increasing the number of young people and with the growing importance of Information and Communication Technologies (ICT) in current educational environment, Higher Education Institutions (HE) are faced with information administrative challenges, therefore, these institutions focus on the deployment of information systems that support academic and administrative issues. Thus, the authors of this paper conducted a study in Kuwait HE to examine students perceptions and attitudes toward a Student Information System (SIS). A questionnaire was administered to 307 students from the College of Business Studies (CBS) of the Public Authority for Applied Education and Training (PAAET), a Higher Education Institution in Kuwait. The results reveal that students have positive perceptions of the e-Advisor system. The study reports usability issues that may be considered by system developers. The results of this study will be helpful for PAAET SIS systems developer team when considering improvement possibilities for future versions of the system.

# Use of Disposable Water Bottle to Mount Metallographical Samples Jocean Junio Viera and Boon-Chai Ng, Andrews University, Berrien Springs, Mi 49103

<sup>1\*</sup>Boon-Chai Ng <sup>2</sup>Jocean Junio Viera

<sup>1,2</sup>Andrews University, Berrien Springs, Mi 49103

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**Keywords:** Disposable Water, Mount Metallographical, Samples Jocean

Discarded disposable water bottles, made from polyethylene terephthalate (PET) with a melting temperature of 250 oC, were recycled as mounting medium to encapsulate small brass samples by hot compression mounting. The samples were heated either to temperature of 165 oC and subjected to a compression pressures of 4.5 x 10<sup>3</sup> psi or to a temperature of 240 oC followed by compressing these heated samples to pressure of 12 x 10<sup>3</sup> psi until it is cooled to room temperature. Tests were carried out to determine if these potential mounting mediums would withstand the typical metallographic polishing and high-speed cutting processes as these processes would affect the bonding of the plastics to the specimens. Results suggested these discarded disposable plastics would potentially be used as a mounting medium in the metallography laboratory.

## ***UP COMING EVENTS***

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

<https://anissh.com/conferences/>



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**Our mission is to encourage global communication and collaboration  
promote professional interaction lifelong learning recognize  
outstanding contributions of individuals and organizations and also  
Develop an effective and responsible platform by creating insightful knowledge  
and inspiring minds in dialogue with the world around us.**



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