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UNIVERSITI MALAYSIA SABAH



# Biennial Convention of the Pacific & Asian Communication Association (PACA)

“Communication  
& Industrial  
Revolution 4.0”



Transformation towards  
**UNIVERSITY  
INDUSTRY 4.0**

**4 - 6 JULY 2018**

# FACULTY OF HUMANITIES, ARTS & HERITAGE

**12th Biennial Convention of The Pacific and Asian Communication Association 2018**  
*Communication and industrial revolution 4.0*

**COMMUNICATION TECHNOLOGY**

DAY 1 – 4<sup>TH</sup> JULY 2018

PARALLEL SESSION 1: 2.00 PM - 3.30 PM

Room: Sompoton

Chairperson: Dr. Haryati Abd. Karim (UMS)

No.	Title and Presenter
1	<p><b>Factors Influencing Digital Skill Competencies among Persons with Disabilities in Malaysia</b>  <i>Saadah Wok, Junaidah Hashim, Rozailain Abdul Rahman &amp; Ahasanul Haque (IIUM)</i></p>
2	<p><b>An Analysis on the INITA (Malaysia) and the ABANTU (Kenya) Initiatives to Empower Women Through the use of ICT in the Industrial Sector</b>  <i>Mohd Nizam Osman (UPM)</i></p>
3	<p><b>Assesment on Media and Information Literacy (MIL) Competencies of Senior High School Teachers in the Philippines National Capital Region: Bases for a Competency Framework</b>  <i>Rudolf Anthony A. Lacerna (Polytechnic University of the Philippines)</i></p>
4	<p><b>Compliance, Operational, Strategic and Financial Threats and their Associated Risk Factors affects 9mobile Telecommunication Reputation: An Evaluation of Situational Theory of Problem Solving</b>  <i>Ashe Abdullahi Abdulrahaman, Hamisah Hassan &amp; Zulhamri Abdullahi (UPM)</i></p>

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**FACTORS INFLUENCING DIGITAL SKILL COMPETENCIES AMONG PERSONS WITH DISABILITIES IN MALAYSIA**

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**Abstract**

Malaysia has about half a million persons with disabilities registered with the Department of Social Welfare. Therefore, this study tries to determine factors influencing digital skill competencies (technical competency, cognitive competency, and personal competency) among persons with disabilities. The factors explored are intensity of the Internet usage, perception of the Internet, benefits of the Internet, and usage of the electronic devices. This study employs a quantitative research design using the survey method where a questionnaire is used as the research instrument. A total of 1200 persons with disabilities participated in the study. The impairment is either visual, hearing, speech, learning, physical or mental. Results show that the majority of them (84.1%) use the Internet. All factors correlate positively with the digital skill competencies. The best predictor is the perceived benefits of the Internet. Suggestions are put forth toward having a digital inclusion policy for persons with the disabilities to the relevant authorities concerned so that they remain competitive in the employment market.

**Keywords:** Digital skill competencies, Internet, learning theory, Malaysia, persons with disabilities