



FOREWORD

I am very pleased to see that the Volume 26, Number 1 of IJCIM includes selected papers as proof of our ongoing commitment to serve the community of researchers. We will continue to collaborate to making our journal better. Please carefully look at guidelines about paper format at www.ijcim.th.org and send your papers on topics of current interest in computer sciences, Internet technologies and management for the upcoming issues to me (charmonman@gmail.com). I will get your paper reviewed by experts in your field. If the initial response is favorable, I will request you to submit your camera-ready final paper as soon as possible for publication in the next edition of IJCIM.

The first paper titled “The Research to Remove the Barriers between China and Tunisia in the Shipping Field” is written by **Donia Damak from Tunisia**. This paper done to investigate the strategy to remove barriers between China and Tunisia in the shipping field, with the specific research objectives include to introduce and describe collaborative logistics management and investigate its consequence on the supply chain and to analyze China’s port industry and ocean shipping market in a relation to trade with Tunisia, as Tunisia is a strategic location, Then the market study between Mainland China and Tunisia turned to be necessary and meaningful.

The second paper titled “Efficient Document Clustering System Based on Probability Distribution of K-Means (PD K-Means) Model” is written by **Tin Thu Zar Win, Nang Aye Aye Htwe, and Moe Moe Aye from Myanmar**. This paper was proposed the probability distribution of K-Means (PD K-Means) algorithm to solve the problem that in document clustering system, some documents with the same similarity scores may fall into different clusters instead of same cluster due to calculate similarity distance between pairs of documents based on geometric measurements.

The third paper titled “An Exploratory Study on the Readiness of Students towards E-Learning” is written by **Peter Teranet Sethabuttra, Punprapa Sripusitto from Thailand, and Ya Huei Wang from Taiwan**. This paper done to conduct an exploratory study on whether students are ready for E-Learning as a means of educational instruction in the classroom at the university level by applying quantitative method with discrete and continuous probabilities were used for hypothesis testing.

The fourth paper titled “Causal Model of Variables by Information Theory” is written by **Aryut Ruangtong, Nalinpat Porrawatpreyakorn, and Somchai Prakancharoen from Thailand**. This paper was done to find out the relationship or dependency of independence random variables, and the selected data to conduct the experiment were from CM-1 Dataset provided by Promise, with several independence variables were composed.

The fifth paper titled “The Analysis of Leadership and Marketing Factors on Bank Branch Expansion Performance” is written by **Opas Kitkamhang from Thailand**. This paper was done to analyze the effect of leadership style and the marketing factors on the bank branch expansion performance by comprising data of 228 cases of middle and senior level bank executives, with the questionnaire capturing focal construct using five-point Likert scale as the research instrument used for collecting the data.

The sixth paper titled “German Management of Innovation and its Impact on New Product Development and New Markets” is written by **Chanongkorn Kuntonbutr from Thailand, Manfred Kulken, and Antonio Nichols from Germany**. This paper was concentrated on management vision on innovation that will affect firms’ new product development and new markets, due to the role of innovation has been important for the sustainability of firms for more than two decades. And the main target was Germany firms operating in various industries, while the conceptual framework includes two mediators: human resource development and organization innovation process.

The seventh paper titled “Environment Factors Related to Career Development for Disabled Students” is written by **Vuttichai Kespanich, Malai Tawisook, and Tanin Rattanaolarn from Thailand**. This paper was done to study the relationship of environment factors to career development for disabled students which includes external and internal factors.

The eighth paper titled “Extracting Common Factors to Classify Companies Listed in the Stock Exchange of Thailand by Using an Accounting Based Model” is written by **Krisada Khruachalee from Thailand**. This paper proposed to classify the company listed in the Stock Exchange of Thailand by applying the Principle Component Analysis (PCA) to overcome the multicollinearity problem in the purpose of extracting the common factors used in the Logistic regression model, and The data set gathered from 101 companies’ annual financial statements registered in the Stock Exchange of Thailand since 2002 to 2016.

The ninth paper titled “The Technology of Instructional Learning Model in Development the Problem-Solving Skill of Students in Middle School” is written by **Wanchai Machutrakull, Thanin Ratana O-larn, and Krisaana Kiddee from Thailand**. This paper described the development of an instructional learning model using the 4C-ID model format for teaching science in basic education to secondary students using real-life cases to develop problem solving, due to a technology in educational innovation has advanced in recent years with many innovations to support students in changing society, and the teachers had several choices to support learners.

The tenth paper titled “Issues towards Learning English with Multimedia Computer-Assisted English Writing” is written by **Sirin Sawangwan and Kasma Suwanarak from Thailand**. This paper done to find out the issues of EFL students towards the use of Multimedia Computer-assisted English Writing (MCEW), by applying MCEW course activities; a questionnaire; and individual semi-structured interviews together as the instrument to conduct the research.

The eleventh paper titled “The Increment of Employee’s Wellbeing by Introducing Virtual Office” is written by **Thichakorn Visansakon and Thanet Vilasmongkolchai from Thailand**. This paper reviewed how virtual office is used and advantages of having virtual office for different organizations, due to the increment of technological use in daily lives, virtual office becomes more efficient for employees to work at anywhere anytime without waiting for office hours only.

The twelfth paper titled “Robust Face Recognition Technique with ANFIS in Compared with Feedforward Backpropagation Neural Network Using Specific Features of Wavelet Transform and HOG” is written by **Thoedsak Sukdao, Surasak Mungsing, and Katanyoo Klabsuwan from Thailand**. This paper done to study a face recognition using ANFIS (Adaptive Neuro-Fuzzy Inference System) technique to compared with feedforward backpropagation neural network that used specific Features of Wavelet Transform and Histogram of Oriented Gradients for feature extraction.

The thirteenth paper titled “The Development and Searching the Efficiency of DVD Instruction Media for Fluently Reading with the Concept of Ehri’s 4 Stage” is written by **Catthaleeya Rerkpichai, Paitoon Pimdee, and Thanin Ratana O-larn from Thailand**. This paper proposed to develop and improve the efficiency of the DVD instruction media for fluently reading by comparing learning achievement before and after study through media based on the concept of Ehri’s 4 Stage.

The fourteenth paper titled “Development of Online Learning Network Innovations for Supporting Physical Education Teaching Professional Experience in the 21st Century” is written by **Pensri Srisawat and Preedaphorn Douangjaidee from Thailand**. This paper done based on two main objectives include to develop the online learning network innovations for supporting physical education teaching professional experience in the 21st century and to evaluate the effectiveness of those online learning network innovations by employing mixed methods with the embedded design, and a quasi-experimental design of equivalent time-sample design was used in this qualitative and quantitative study.

The fifteenth paper titled “The Influence of Transformational Leadership, Organizational Culture, and Organizational Citizenship Behavior on Job Performance” is written by **Suwannee Jariyaporn from Thailand**. This paper studied the influence of transformational leadership, organizational culture, and organizational citizenship behavior on job performance and to develop the model and test by using structural equation modelling. The data collected from 560 staffs of seven higher education institutions in the North-Eastern through questionnaire survey.

The sixteenth paper titled “Personality Forecast of Bachelor Degree Student Using Decision Tree Technique” is written by **Busarin Eamthanakul, Montean Rattanasiriwongwut, and Monchai Tiantong from Thailand**. This paper proposed to forecast a student personality using a decision tree technique by C4.5 algorithm and to measure an efficiency of a developed model by collecting data through questionnaire survey from 1,873 undergraduate students in Suan Sunandha Rajabhat University, and model of personality forecast was created.

The seventeenth paper titled “Development of the Management System of the Instructional Innovation Enhancing Thai Language Literacy for Students in Primary Schools Located in the Border Area, in Ratchaburi, Thailand: Participatory Project Collaborated with Local Teachers” is written by **Wilaiporn Chaiyasit, Darawan Yananan, Sathaporn Janu, Suchitra Chanloy, and Sutida Preechanonth from Thailand**. This paper done under three main purposes: To develop the management system of the instructional innovation enhancing Thai language literacy, To evaluate the quality of the developed management system of the instructional innovation, and To evaluate the effectiveness of the developed management system of the instructional innovation by using 38 Thai language teachers as the group to ample study.

The eighteenth paper titled “Faith Management in Thai Society: Case Study on Factor Analysis and Clustering to Worship the Vishnu of Siam Technology College’s Students” is written by **Prakart Pawa Thongsawang and Prasopchai Pasunon from Thailand**. This paper proposed to investigate the behaviour of Siam Technology College’s students to worship the Vishnu, to analyze the worship factors to the Vishnu, and to categorize the students who worship the Vishnu by sacred factors.

The nineteenth paper titled “Mobile Marketing in Spiritual Tourism: a Case of Saluang Sub-District, Chiang Mai, Thailand” is written by **Jindapa Srisamran, Kamolthip Kamchai, and Pusanisa Thechatakerng from Thailand**. This paper investigated the Mobile marketing in spiritual tourism by a Case of Saluang Sub-District of Chiang Mai, Thailand, due to mobile marketing currently was known as another form of potential marketing strategy for marketing promotion especially for tourism industry.

The twentieth paper titled “Critical Review of the Current Scenario of Health Insurance in India: a Comparative Review Study of Urban & Rural Population” is written by **Sumit Kumar Bhalla from Thailand and Nanda Lal Banik from Bangladesh**. This paper reviewed the Current Scenario of Health Insurance in India and drawn a comparison of awareness levels of rural & urban population and how do they assess the experience of households with illness and health care utilization and the associated financial risks.



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