

**5TH INTERNATIONAL CONFERENCE ON
Research Challenges in Multidisciplinary
Innovation**

October 05-06, 2019
Seoul, South Korea

5th RCMi 2019



Organized by:



Global Illuminators

Researching and Developing for Humanity

5th International Conference on “Research Challenges To Multidisciplinary Innovation” (RCMI- October 05-06, 2019)
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Global Illuminators, Kuala Lumpur, Malaysia.



RCMI 2019

Conference Proceeding

Book of Abstracts

**5th International Conference on
“Research Challenges to Multidisciplinary Innovation”
(RCMI-2019)”**

**Venue: Nine Tree Premier Hotel Myeongdong 2 Seoul, South
Korea**

Editor:

Dr. Ahmad Saddam Ph.D.

Country Director (Global Illuminators Iraq)

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TABLE OF CONTENTS

RCMI 2019 CONFERENCE ORGANIZING COMMITTEE	IV
CONFERENCE CHAIR MESSAGE.....	V
TYPES OF RCMI PAPERS	VII
REVIEWING CRITERIA	VII
ACKNOWLEDGMENT	IX
SCIENTIFIC REVIEW COMMITTEE.....	X
KEYNOTE SPEAKER	XXI
RCMI 2019 TRACKS’ CHAIRS	XXII
RCMI 2019 WORKSHOP	XXIII
BEST PAPER NOMINEE LIST.....	XXIV
RCMI 2019 BEST PAPER AWARD WINNER	XXVI
RCMI 2019 CONFERENCE COMMITTEE	XXVII
CONFERENCE PROGRAM.....	XXVIII
TRACK A: BUSINESS MANAGEMENT AND ECONOMIC STUDIES.....	34
1. ANALYSIS OF EFFECT OF SUKUK ON THE PROFITABILITY OF ISLAMIC BANK IN INDONESIA	35
2. A FUZZY MCDM APPROACH TO DEMONSTRATE FACTORS THAT AFFECT THE PROCUREMENT OF FOOD PROCESSING MACHINERY	36
3. THE EFFECT OF COMPANY VALUE MODERATED BY INTELLECTUAL CAPITAL ON SHARE PRICE IN INDONESIA	37
4. CARBON EXPOSURE RISK AND STOCK RETURNS	38
TRACK B: SOCIAL SCIENCES AND HUMANITIES STUDIES.....	39
5. IMPLEMENTATION OF MULTIPLE INTELLIGENCES THEORY IN LEARNING PROCESS TO FACE 21ST CENTURY EDUCATION IN INDONESIA	40
6. EFFECTIVENESS OF THE AUDIOLINGUAL METHOD BY USING FLASHCARD MEDIA TO IMPROVE ARABIC SPEAKING SKILLS	41

17. DESCRIPTION OF ELDERLY DEPRESSION LEVEL ACTIVELY WHO DO SPORTS GATEBALL IN INDONESIA	42
18. THE DEVELOPMENT OF ARABIC CALLIGRAPHY IN INDONESIA.....	43
9. SUSTAINABILITY LITERACY OF PROPERTY AND FACILITY MANAGEMENT STUDENTS.....	44
10. APPLICATION OF THE HALTON SEQUENCE IN SURVEY RESEARCH: A SIMULATION STUDY	45
11. CORPORATE SOCIAL RESPONSIBILITY FROM AN ENVIRONMENTAL APPROACH, RELATIONS WITH THE COMMUNITY AND EXPLORATORY FACTORS IN COMPANIES OF THE MANUFACTURE SECTOR OF THE NORTHEAST REGION OF SALTILLO, COAHUILA, MEXICO	46
12. IMPLICATIONS FOR AFFORDABLE HOUSING IN EMERGING CITIES: THE CASE OF DOHA - QATAR	47
13. DIGITAL MEDIA: THE INNOVATIVE RESOURCE FOR ACADEMIC WRITING	48
14. IMPROVING THE COLLABORATION BETWEEN ENERGY PROVIDERS AND PSYCHOSOCIAL RESEARCHERS IN ORDER TO BETTER UNDERSTAND AND REDUCE FUEL POVERTY	49
15. THE KNOWLEDGE, ATTITUDE, AND BEHAVIOUR OF JUNIOR HIGH SCHOOL IN THE CONTEXT OF EDUCATION FOR SUSTAINABLE DEVELOPMENT WITH CHALLENGE AS THE MODERATING VARIABLE	50
16. INVESTIGATING EFFECTS OF EDUCATION FOR SUSTAINABLE DEVELOPMENT IN JUNIOR HIGH SCHOOL IN CENTRAL JAVA	51
17. POLITICS AND BUSINESS: POLICY ON MINING MANAGEMENT IN BANGKA ISLAND, BEFORE AND AFTER	52
18. INEQUALITY OF ECONOMIC GROWTH BETWEEN REGION IN INDONESIA: HARD INFRASTRUCTURE OR SOFT INFRASTRUCTURE?	53
FUTURE EVENTS.....	54
CSR.....	65

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Conference Chair Message

Farooq Ahmed Jam (Ph.D.)



5th International Conference on “Research Challenges To Multidisciplinary Innovation” (RCMI - 2019) serves as a platform that aims to help the scholarly community across nations to explore the critical role of multidisciplinary innovations for sustainability and growth of human societies. This conference provides an opportunity to the academicians, practitioners, scientists, and scholars from across various disciplines to discuss avenues for interdisciplinary innovations and identify effective ways to address the regional and global challenges faced by our societies. The research ideas and studies that we received for this conference are very promising, unique, and impactful. I believe these studies have the potential to address key challenges in various sub-domains of social sciences and applied sciences. The scholars attending this conference will certainly find it helpful in refining their own research ideas, finding solutions to basic/applied problems they face, and interacting with other renowned scholars for possible future collaborations.

I am really thankful to our honorable scientific and review committee for spending much of their time in reviewing the papers for this event, selecting the best paper awards, and helping the participants in publishing their research in affiliated journals.

Also, special thanks to all the session chairs from industry, academia, and policy-making institutions who volunteered their time and support to make this event a success.

A very special thanks to the great scholars for being here with us as keynote speakers. Their valuable thoughts will surely open the horizon of new research and practice for the conference participants coming from across the globe. I am also thankful to all the participants for being here with us to create an environment of knowledge sharing and learning. We, the scholars of this world, belong to the elite educated class of this society, and we owe a lot to return to this society. Let's break all the discriminating barriers and get free from all minor affiliations. Let's contribute even a little or single step to the betterment of society and the welfare of humanity to bring prosperity, peace, and harmony in this world. Stay blessed.

Types of RCMI Papers

For this year, RCMI has two types of papers: *Empirical Studies* and *Insight*. Research papers meet the needs of researchers and are reviewed on the basis of highest academic standards. The objective of the academic paper is to contribute to the scientific body of knowledge. On the contrary, Insight papers meet the needs of policymakers and professionals and are reviewed on the basis of high practice standards. The objective of the Insight is to identify real-world problems and how they can be solved with the help of information systems.

Reviewing Criteria

In RCMI, all papers are judged on the same criteria (relevance, significance, originality, validity, and clarity). However, some criteria differ between the Research papers and Insight papers.

Relevance: Relevance has a great impact on the theme of the conference. The material is relevant and according to the theme of the conference.

Significance: Knowledge of different researches in the conference is related to research papers and insight papers.

Originality: Ideas that are new for the researchers are used in the conference.

Validity: Research papers in the conference are based on theory, while the insight papers in the research are based on experimental researches. References are according to content.

Clarity: Papers are according to the format; language is easy and understandable by the audience in the conference.

Acceptance Rates

Full Research Papers				
Submitted Papers	Accepted Papers	Withdrawn	Unqualified papers	Acceptance Rate
40	17	10	13	42.5%

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Acknowledgment

A huge number of people helped in conducting the conference. First of all, thanks to all the members of the Conference and Program Committee and representatives of the RCMI board and their helpers. We also want to thank all the Track Chairs and reviewers, as well as all the members of the Scientific Committee, for their help in the review process and organizing the tracks and special sessions. We thank everyone for their hard work and dedication to this conference, and we look forward to the latest episode of the RCMI tradition.

Farooq Ahmed Jam (Ph.D.), Tariq Iqbal Khan (Ph.D.)
and Muhammad Abbas (Ph.D.)

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KEYNOTE SPEAKER

Dr. Yung Yau



Dr. Yau had practiced building surveying in the Buildings Department and then worked as a Post-doctoral Fellow in the University of Hong Kong before joining City University of Hong Kong in August 2007. In 2012, he also went on academic exchange at the University of Adelaide and the University of Birmingham as a visiting fellow. His research interests include anti-social behaviour in housing, built heritage conservation, building illegality, housing economics, governance of multi-owned properties and urban regeneration. Over the years, he won different awards including Emerald Literati Award (2016 and 2019), Best Paper Award at the 1st Asian Social Sciences and Business Research Conference and Best Conference Paper Award in the Pacific Rim Real Estate Society Conference 2013.

RCMI 2019 Tracks’ Chairs

Business, Management Economic, Social Sciences, and Humanities

Yung Yau & Marielle Bruyninckx

RCMI 2019 Workshop

“How to Improve the Quality of A Research Article and Get It Published in Scopus/ISI-Indexed Journals.”

Trainer: Dr. Farooq Ahmed Jam (Ph.D.)

In this workshop, we will discuss how to improve the quality of a research article and to get it published in good quality journals. Publication is considered as a KPI achievement for academic staff. It is considered to be the best way to enjoy benefits and promotion as a faculty member. In this workshop, trainer will shed light on how to identify a hot research topic, how to find a research gap, importance of a catchy Research Paper Title, what reviewers are looking for in a research article, what editors are expecting from authors, reasons for article rejection by good journals, steps and tips to improve article quality and content, and finding a relevant outlet for your research. I hope this workshop will help the participants improve their understanding of the publication process.

Best Paper Nominee List

Effectiveness of the Audiolingual Method by using Flashcard Media to Improve Arabic Speaking Skills

Halomoan^{1}, Mahmudi, Arifka², Husin, Malik³, Falaqi, Muhammad Rizal⁴, Uril Bahrudin⁵*

^{1,2,3,4,5} State Islamic University of Maulana Malik Ibrahim Malang, Indonesia

Analysis of Effect of Sukuk on The Profitability of Islamic Bank in Indonesia

Mohammad Yusron Sholikhin¹, Tika Widiastuti², Mohammed Hadi Nafik Ryandono³, Deni Purwani,⁴ Herianingrum, Sri⁵

^{1,2,3,4,5} University of Airlangga, Indonesia

Corporate Social Responsibility from an Environmental Approach, Relations with the Community and Exploratory Factors in Companies of the Manufacture Sector of the northeast region of Saltillo, Coahuila, Mexico

Montalvo Morales, Jesús Alberto^{1}, Cervantes Avila, Yazmin Guadalupe², Molina Romeo, Víctor Pedro³, Moreno Cepeda, Reimundo⁴, Duque Retiz, José Refugio⁵*

^{1,2,3,4,5} Autonomous University of Coahuila, Mexico

The Effect of Company Value Moderated by Intellectual Capital on Share Price In Indonesia

Farah Margaretha Leon^{1}, Fahmi Prathama Anugrah²*

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Implementation of Multiple Intelligences Theory in Learning Process to Face 21st Century Education in Indonesia

Arifka Mahmudi^{1*}, Falaqi, Muhamad Rizal², Halomoan³
^{1,2,3} Maulana Malik Ibrahim State Islamic Univeristy,
Indonesia

RCMI 2019 Best Paper Award Winner

Implementation of Multiple Intelligences Theory in Learning Process to Face 21st Century Education in Indonesia

Arifka Mahmudi^{1*}, Falaqi, Muhamad Rizal², Halomoan³
^{1,2,3} Maulana Malik Ibrahim State Islamic Univeristy,
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Editor

Dr. Ahmad Saddam (Ph.D.)

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CONFERENCE PROGRAM

DAY 01 Saturday (October 05, 2019)

Welcome Reception & Registration

8:30 am – 09:00 am

Opening Ceremony (09:00 am - 10:00 am)

Venue: Room 1

09:00 am – 09:10 am	Welcome Remarks – Ms. Deshinta Conference Coordinator
09:10 am – 09:20 am	Opening Speech – Mr. Wilson Manager Operations Global Illuminators
09:20 am – 09:35 am	Keynote Speech- Dr. Yau Yung (Ph.D.) Associate Professor, Department of Public Policy, City University of Hong Kong, Hong Kong
09:35 am – 09:45 am	Group Photo & Award Ceremony

Grand Networking Session and Tea Break (09:45 am – 10:00 am)

DAY 01 Saturday (October 05, 2019)

Session 1 (10:00 am – 01:00 pm)

Venue: Room 1

Session Chair: Marielle Bruyninckx

Track A: Business, Management Economic, Social Sciences and Humanities

RCMI-19-111	Implementation of Multiple Intelligences Theory in Learning Process to Face 21st Century Education In Indonesia	Arifka Mahmudi
RCMI-19-112	Effectiveness of the Audiolingual Method by using Flashcard Media to Improve Arabic Speaking Skills	Halomoan Nasution
RCMI-19-114	Description of Elderly Depression Level Actively Who Do Sports Gateball In Indonesia.	Deni Purwani
RCMI-19-115	Analysis of Effect of Sukuk on the Profitability of Islamic Bank In Indonesia	Mohammad Yusron Sholikhin
RCMI-19-120	The Development of Arabic Calligraphy in Indonesia	Falaqi, Muhamad Rizal
RCMI-19-126	Sustainability Literacy of Property and Facility Management Students	Yung Yau
RCMI-19-129	Application of the Halton Sequence in Survey Research: A Simulation Study	Le Trung Kien
RCMI-19-130	Corporate Social Responsibility from an Environmental Approach, Relations with the Community and Exploratory Factors In Companies of the Manufacture Sector of the Northeast Region Of Saltillo, Coahuila, Mexico.	Montalvo Morales, Jesús Alberto

RCMI-19-131	A Fuzzy MCDM Approach to Demonstrate Factors That Affect the Procurement of Food Processing Machinery	Yen-Ting Chen
IGBSSE-19-105	Implications for Affordable Housing in Emerging Cities: The Case of Doha- Qatar	Hatem Ibrahim
IGBSSE-19-110	The Effect Of Company Value Moderated By Intellectual Capital on Share Price in Indonesia	Farah Margaretha Leon

Lunch Break (01:00 pm – 02:00 pm)

DAY 01 Saturday (October 05, 2019)

Workshop Session (02:00 pm – 03:30 pm)

Venue: Room 1

“How to Improve the Quality of Research Article and get published in Scopus/ISI Indexed Journals”

Trainer	Dr. Farooq Ahmed Jam (Ph.D.)
Co-Trainer	Ms. Sintha
Participants	All Participants

In this workshop, we will discuss how to improve the quality of research article and getting published in good quality journals. Publication is considered as a KPI achievement for academic staff. It is considered to be the best way to enjoy benefits and promotion as a faculty member. In this workshop trainer will shed light on how to identify a hot research topic, how to find a research gap, Importance of a catchy Research Paper Title, What Reviewers are looking in research article, what editors are expecting from authors, Major Reasons of article rejection in good journals, Steps and tips to improve article quality and content and Finding a relevant outlet for your research. Hope this workshop will help the participants improve their understanding about publication process.

Tea Break (3:30 pm – 3:45 pm)

DAY 01 Saturday (October 05, 2019)

Session 2 (3:45 pm – 05:00 pm)

Venue: Room 1

Session Chair: Yung Yau & Umi Anugerah Izzati

Track B: Business, Management Economic, Social Sciences and Humanities

IGBSSE-19-106	Digital Media: The Innovative Resource for Academic Writing	Gbolahan Olasina
IGBSSE-19-111	Improving the Collaboration between Energy Providers and Psychosocial Researchers in Order to Better Understand and Reduce Fuel Poverty	Marielle Bruyninckx
IGBSSE-19-124	Carbon Exposure Risk and Stock Returns	Haehean Park
IGBSSE-19-126	The Knowledge, Attitude, and Behaviour of Junior High School in the context of Education for Sustainable Development with Challenge as the Moderating Variable	Bulan Prabawani,
IGBSSE-19-127	Investigating Effects of Education for Sustainable Development in Junior High School in Central Java	Dinalestari Purbawati
IGBSSE-19-129	Politics and Business: Policy on Mining Management in Bangka Island, Before and After	Hartuti Purnaweni

Closing Ceremony (5:00 pm – 5:30 pm)

DAY 02 Sunday, (October 06, 2019)

“CITY TOUR”

Gathering of Participants at the Lobby of Nine Tree Premier Hotel
Myeongdong 2 Seoul, South Korea at 10:00 am and Departure: 10:15 am
for City Tour.

Drop Back at Hotel Nine Tree Premier Hotel Myeongdong 2 Seoul, South
Korea at 06:00 pm

Important Note: This tour is organized by Global Illuminators and entry to this tour is free for all participants. You may also bring your Siblings/Family/Friends but you have to register for them on registration desk.



TRACK A: BUSINESS MANAGEMENT AND ECONOMIC STUDIES



Analysis of Effect of Sukuk on the Profitability of Islamic Bank in Indonesia

**Sholikhin , Mohammad, Yusron^{1*}, Widiastuti, Tika², Ryandono,
Mohammad, Nafik Hadi³, Purwani, Deni⁴, Herianingrum, Sri⁵**
^{1,2,3,4,5} Universitas Airlangga, Indonesia

Abstract

The purpose of this study was to determine the effect of the development of the Sukuk market to the profitability of Islamic banks in Indonesia. This study uses a quantitative method with a vector error correction model. The data used was monthly data Sukuk and profitability of Islamic banks in the years 2011 to 2018. The results of this research are in the long term Sukuk variables have a significant influence on ROA. The results obtained from the t-statistic values of variables Sukuk amounting - 6.56088. The value is greater than t table, Effect of Sukuk itself fairly small to ROA. This study is the first study that examines the influence of Sukuk on the profitability of Islamic banks using a vector error correction model.

Keywords: Sukuk, Profitability, Islamic Banking

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A Fuzzy MCDM approach to Demonstrate Factors that Affect the Procurement of Food Processing Machinery

**Tsung-Yu Chou¹, Yen-Ting Chen^{2*}, Feng-Chia Li³,
Juei-Ping Liao⁴**

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Abstract

The food processing machinery industry plays an indispensable role in food development and production. Due to the improvement of food processing technology, the manufacturing of food processing machinery has been upgraded from semi-automatic to fully automated. The precision of the manufacturing process, hygiene, and sanitation are all explored. In addition to the research and development (R&D) of machinery manufacturing, it is also necessary to clearly understand the customer needs and buyer decision-making process when purchasing machinery. In this aspect, this study establishes customer buyer decision-making criteria for reference to the food machinery manufacturing industry. This research analyzes using two perspectives, namely suppliers and product specifications, and it proposes 25 evaluative criteria. About 25 questionnaires were distributed to food processing machinery purchasers, 20 of which were valid ones with a recovery rate of 80%. A Fuzzy Multiple Criteria Decision Making (FMCDM) approach was carried out, and the top five most important attributes out of the 25 criteria were sorted out. They are switching cost, price, the professionalism of service personnel, and the provided manual and accessories. Lastly, this study offers three recommendations for reference to the food processing machinery manufacturers for marketing: (1) Setting up a customer service department; (2) Strengthening technical assistance to product switching; (3) Regularly concerned about machine use of customers.

Keywords: Food Processing Machinery, Fuzzy Multiple Criteria Decision Making (FMCDM), Procurement, Fuzzy Theory

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The Effect of Company Value Moderated by Intellectual Capital on Share Price in Indonesia

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Abstract

This study aims to examine whether there is an influence between the values of the company to the stock price of moderated intellectual capital in the annual report. This study uses 52 financial sector companies listed in IDX (Indonesia Stock Exchange) by using the annual report in period 2012-2016. Method of sample selection is using purposive sampling. The analysis model uses multiple linear regressions which uses two models: model data panel and cross-sectional model. The results of this study indicate that the value of the company as measured by Earning per Share (EPS) and Book Value per Share (BVS) on stock prices that moderated intellectual capital. EPS and BVS have a positive effect on stock prices moderated by intellectual capital. Leverage negatively affects stock prices in annual reports. Meanwhile, profitability and firm size have a positive effect on the stock price of annual report. The implication for the company is the company to raise the EPS level if it wants to increase the stock price and optimize the disclosure of intellectual capital in order to increase EPS. The company must also keep the BVS below the share price to keep EPS positive.

Keywords: Intellectual Capital (ICD), Book Value Equity Share (BVS), Earning Per Share (EPS), Profitability, Debt Ratio, Company Size

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Carbon Exposure Risk and Stock Returns

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² Santa Clara University, USA

³ Southwestern University of Finance and Economics, China

Abstract

We provide evidence that firms with higher carbon exposure risk earn lower future returns in asset pricing context in U.S. stock markets for a 41-year period from January 1976 to December 2016. The quintile hedging strategy buying the lowest CO₂ emission beta portfolio and selling the highest CO₂ emission beta portfolio earns 3.6-5.3% average annual returns (4.3-6.2% on decile). The negative relation between carbon exposure risk and future returns is consistent with the view that CO₂ emissions are indicative of perceived deterioration of investment opportunities by investors. Our evidence is also consistent with the view that asset prices have an optimistic bias because investors with low value expectations stay on the sideline without trading. Notably, our result is not consistent with a risk premium view that carbon exposure risk proxies for market risk nor with a view that no trading profits are possible on the basis of publicly available information on CO₂ emissions. Additional tests suggest that our main results are more supportive of the investment opportunity hypothesis than the Miller's optimistic pricing view. JEL codes: G12, Q54, G11, G32

Keywords: Climate Finance, Climate Change, Carbon Emission Exposure Risk, Asset Pricing, Risk Management

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TRACK B: SOCIAL SCIENCES AND HUMANITIES STUDIES



Implementation of Multiple Intelligences Theory in Learning Process to Face 21st Century Education in Indonesia

Arifka Mahmudi, Falaqi^{1*}, Muhamad Rizal², Halomoan³

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Abstract

This study aimed to explore how the implementation of multiple intelligences (MI) theory in the learning process to achieve educational competences of 21st century in elementary school. Therefore, this study is a case study. The data was collected through observation, interview, and documentation. Then the data were analyzed with the steps as follow: data condensation, data display, drawing and verifying conclusions. To ensure the data are valid, two triangulation were implemented that are data triangulation and methodological triangulation. The study revealed that MI theory implemented within three conditions. 1) MI theory as a core of educational system, 2) Student and teacher classification based on MI theory, 3) Learning process based on MI Theory. This study also discovered that Multiple intelligences theory in learning process help teacher to understand the student's need and in giving proper learning activities with the student's learning style. Learning activities based on MI theory that was given can promote student's competences in 21st century or be known as Four Cs (Creativity, Critical thinking, Communication, and Collaboration). Contextual teaching and learning (CTL) and scientific approach give contribution in this fostering as well. Adequate school environment and facilities should be provided in order to optimize learning process. In addition, involving parent in this implementation is an urgent necessity. Nevertheless, teacher training is continuously still needed to increase the understanding and comprehension of the multiple intelligences theory in education.

Keywords: Multiple Intelligences, Learning Process, 21st Century Education

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Effectiveness of the Audiolingual Method by using Flashcard Media to Improve Arabic Speaking Skills

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Abstract

The objective of this study was to investigate whether the use of the Audiolingual method by using Flashcard media in teaching the Arabic language could improve the Arabic speaking skills of Islamic Senior High School Muhammadiyah students in Pekanbaru, Indonesia. A quasi-experimental design was used in this study, which used 40 randomly sampled grade 11 Islamic Senior High School Muhammadiyah students for the sample, divided into two classes of 20; one the experimental group (EG) and the another the control group (CG). The two groups were homogenous in terms of their initial ability. The instruments used in this study were an essay and objective test. T-test was used to analyze the data collected. The results from the post-test showed that there was then a significant positive difference between the two groups in terms of the student's Arabic speaking skills; after the experimental group had been taught-learn using the Audiolingual method by using Flashcard media two months, they got significantly higher result in their Arabic language essays than the control group students, who had been taught Arabic language using the classic method and had not used Audiolingual method by using Flashcard media. The implication of this study shows that the use of the Audiolingual method by using Flashcard media in Arabic language can be a method for improving student's Arabic speaking skills.

Keywords: Audiolingual Method, Flashcard Media, Arabic Speaking Skill of Students

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Description of Elderly Depression Level Actively Who Do Sports Gateball in Indonesia

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Abstract

Depression is one of the health problems in the elderly caused by genetic factors, biological factors, and psychosocial factors. Level of depression can be reduced by exercise. The aim of this study was to describe the level of depression in the elderly who actively do sports, such as gateball. The design of this study was descriptive cross-sectional study with purposive sampling technique. Data were collected using the Geriatric Depression Scale instrument. The results of the study found that 90% of the elderly who were active in gateball did not experience depression while 10% experienced mild depression.

Keywords: Depression, Elderly, Sports Gateball

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The Development of Arabic Calligraphy in Indonesia

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Abstract

This paper deals with the development of Arabic calligraphy in Indonesia. The main problems studied are about how the development of Arabic calligraphy in Indonesia and causes the development of Arabic calligraphy in Indonesia. The research method used is qualitative research using the library research method by collecting related documents and corresponding data and then analyzed so that it presents a research result. The results of the study indicate that Arabic calligraphy developing in Indonesia is divided into 3 periods; The Pioneer Generation, The Generation of Islamic Boarding Schools, and The Arabic Movement and Calligraphy Generation in Indonesia developed because there were internal factors from the encouragement of the Qur'an and external influences from socio-cultural influences. Indonesian people are expected to be more creative so that they will be able to develop calligraphy far more developed than before and bring Indonesian style Arabic calligraphy art to the international world.

Keywords: Development, Arabic calligraphy, Social culture, Indonesia

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Sustainability Literacy of Property and Facility Management Students

Yung Yau*

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Abstract

Property and facility managers (PFMs) play an important role throughout the life cycle of a building. To achieve sustainable development in the built environment needs the PFMs with the proper sustainability knowledge and skills. In equipping our PFMs with these essential attributes, tertiary educational institutions have a key role to play. This research explores the relevance of sustainability literacy to students enrolled in property management or facility management-related undergraduate and postgraduate programmes at two universities in Hong Kong. With a mixed-methods approach, this study examines students' perspective on the importance of sustainability literacy and how it was integrated into their programmes. The curricula of the programmes were analyzed to evaluate the level of inclusion of sustainability elements in the programmes. In-depth interviews were conducted on a total of 20 students, followed by a structured questionnaire survey with 128 respondents. As the results reveal, the level of inclusion appears to be low. Students reflected that they were not satisfied with how sustainability literacy had been embedded in their programmes. On the other hand, sustainability knowledge and skills were valued by most students. The majority of the students thought that to be competitive in the job market; they ought to be sustainability literate. Based on the research results, this paper highlights a number of recommendations for supporting educators to embed sustainability within property and facility management programmes.

Keywords: Sustainable Development, Sustainability Literacy, Property and Facility Management, Education

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Application of the Halton Sequence in Survey Research: A Simulation Study

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Abstract

Randomization has been widely used in surveys for various purposes such as within household respondent selection, rotation of questions and answer choices, and split sample (or ballot) technique for survey experiments. The randomization is usually based on a random number generating process whereby the computer generates random numbers which are then used to classify respondents in different groups. In this study, we use alternative randomization based on the Halton sequence. The method is used in a survey with a political experiment which requires randomization of the political candidate's characteristics. Our survey results demonstrate that the Halton sequence can be quite effective in randomly assigning respondents into groups, especially in surveys with small sample sizes.

Keywords: Randomization, Survey, Experiment, Halton Sequence, Political

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Corporate Social Responsibility from an Environmental Approach, Relations with the Community and Exploratory Factors In Companies of the Manufacture Sector of the northeast region of Saltillo, Coahuila, Mexico

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Abstract

Corporate Social Responsibility (CSR) linked to Business Management (GE) in small and medium-sized enterprises (SMEs) is a topic that is becoming increasingly important due to the importance they have for the national economy. The objective of the work was to determine the state of the CSR from an approach of environmental management and relations with the local community in a group of medium-sized companies in an industrial sector of Saltillo, Coahuila, as well as the influence of antiquity the structure of property and the gender of the Director/Manager with the development of these practices. The empirical investigation had an exploratory character and included a sample of 43 SMEs from the manufacturing sector that contributes to the growth and competitiveness of the region. The research instrument incorporated questions focused on the level of SMEs regarding risks, safety, and health at work, environment, and quality management. For its evaluation, contingency tables and the Mann Whitney U test were used. The results reflected an adequate work dedicated to the care, health and permanence in the position of its employees, while it was detected that there is poor environmental management and relations with the community. It is concluded that CSR is generally oriented to the interior of the company; the low use of this practice prevails in its business management, although an adequate approach to the client is highlighted.

Keywords: Corporate Social Responsibility, Environment, Local Community, Society, Exploratory Factors

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Implications for Affordable Housing in Emerging Cities: The Case of Doha - Qatar

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³ University of Nottingham, Nottingham, UK

⁴ Suhail International Trading and Contracting, Doha, Qatar

⁵ Seero Engineering Consulting, Doha, Qatar

Abstract

During the last few decades, the phenomenal impact of the multicultural population on the housing market has suggested unique lifestyle-oriented demand. Housing supply and demand has been challenged to satisfy diverse market needs. Since the 1990s, the phenomenal impact of the increased population growth rates of the massive migrant flows on the housing market has instigated the need for a demand-driven supply of housing. In parallel, the socio-cultural diversities of the multi-cultural population require certain housing typologies to meet this diverse need. The rapid increase in land prices has led to an increase in residential rents and hindered the establishment of more affordable housing. Accordingly, housing affordability became one of the most important topics that present an important topic both in the present and for the future. In this paper, two methodological approaches to studying housing dynamics and characteristics are used: an analysis of population trends and a survey of housing demand. Statistical analysis of population trends provides a quantitative overview of the dynamics of the housing supply and demand. The survey of housing demand is to be related to cultural factors on how nationals and migrants are residing in the city, including their demography and lifestyle. The paper aims to explore affordable housing opportunities in order to meet the diverse demographics of Doha's population. Conclusions are drawn to establish future guidelines and recommendations for housing growth and neighbourhood planning in view of population demographics, governmental visions, and urban realities.

Keywords: Doha, Metropolitan; Demography; Housing Supply and Demand; Housing Affordability

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Digital Media: The Innovative Resource for Academic Writing

Gbolahan Olasina*

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Abstract

Many innovative tools often attempt to help learners improve their academic writing to suit needed skills across social science disciplines in the 21st century. There is a need to continue to explore the affordances of digital media to transform the academic writing skills of students in higher education. However, the substantive impact of digital media on educational performance is little known. Meanwhile, technology enthusiasts in the developing country landscape continue to articulate a one-size-fits-all approach of educational technology to higher education. Previous studies provide snapshots of a need for interdisciplinary interfacing among teachers, policymakers, and researchers. Consequently, the landscape of a faculty learning community (FLC) was used to measure the impact of the use of digital media on the academic writing outcomes of learners. Randomized sampling was employed to draw 60 students split into three groups based on an experimental research design that applied the Social Comparison Theory to shed new theoretical, policy and practical insights. The main conclusions show the need for the duality of conventional and digital media-led delivery of modules driven by the creation of social and cultural capital for the best performance of academic writing outcomes. The implications reveal that it is creativity and the delivery strategy and not digital forms that count. The influence of digital media on academic writing outcomes are presented based on data collected from a developing country setting to advance global knowledge of the use of new media.

Keywords: Innovative Resource, Academic Writing

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Improving the Collaboration between Energy Providers and Psychosocial Researchers in Order to Better Understand and Reduce Fuel Poverty

**Bruyninckx Marielle^{1*}, Dutrieux Melanie², Cauchie Dimitri³,
Soussi Lindsay⁴**

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Abstract

This paper will present the results of a clinical study that aims to analyze the effects of fuel poverty on mental health. Our work was carried out on ten subjects by using four instruments: an anamnestic questionnaire, The Coopersmith Self-Esteem Inventory, the Goldberg and Hillier General Health Questionnaire (GHQ-28) and a non-directive interview. Our results highlight that, despite the public and private strategies and solidarities put in place, energy poverty has negative consequences on life quality. Physical health is affected as much as mental balance. The people we met suffer from depressive disorders, sleep disorders and anxiety. Although hidden by social desirability, they also present self-esteem problems. It is, therefore, crucial bringing them into a process of personal empowerment that would allow them to take back an active part in a non-assumed situation.

Keywords: Fuel Poverty, Psychosociological Study, Mental Health, Preventive Strategies

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The Knowledge, Attitude, and Behaviour of Junior High School in the context of Education for Sustainable Development with Challenge as the Moderating Variable

Bulan Prabawani^{1*}, Sudharto Prawata Hadi², Dinalestari Purbawati³

^{1,2,3} Diponegoro University, Indonesia

Abstract

Education for sustainable development (ESD) is essential to discuss in understanding the environmental change from the perspective of students' character building. This concept is the main foundation to refers to individual personality as a forum for building superior capacity from the early stage. At the juvenile age, children experience a period of high emotional growth that encourages changes in attitudes and behavior patterns towards the surrounding. At this time, individuals are able to observe and examine the changes that occur around them. The sustainable development mindset build-in individuals as emotional entities that are influenced by knowledge, attitudes, and behavior as an alternative benchmark in measuring the level of individual maturity. This exploratory study aims to describe the relationship between cognition and environmental understanding with students' attitudes and behavior. The study was analyzed based on a sample involving 320 participants from two junior high schools in Salatiga and Semarang using a stratified random sample data collection method. Data were analyzed using partial least square, namely Smartpls v3.0. This study has found that students in secondary schools in both locations have low natural and social environmental knowledge. However, there is actually a tendency for good attitudes and behavior in relation to the environment. Meanwhile, students' knowledge significantly influences environmentally friendly attitudes and behavior, especially the social environment. The low orientation of student learning towards environmentally friendly achievements and collective awareness has significantly inhibited students from having a positive attitude towards the environment.

Keywords: Education For Sustainable Development, Knowledge, Attitude, Behavior

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Investigating Effects of Education for Sustainable Development in Junior High School in Central Java

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Abstract

This research aims to recognize the effect of Education for Sustainable Development (ESD) towards the formation of students' character to a direction with the objective of Sustainable Development (SD). ESD is an education concept to develop sustainability, i.e., by embedding awareness and an ability to apply sustainable development in the present and the future. This research is an exploratory study with a mixed-methods approach. The research took place in 3 cities/regencies in Central Java, namely, Semarang City, Salatiga City, and Regency Banjarnegara. The population of the survey was students of Junior High School in each appointed school from 1st to 3rd grader. Each school was taken 100 samples in total consisting of various grade proportionally. Data collection for the survey used a questionnaire as well as observation towards students' activities. The result of the research shows that the application of ESD through Adiwiyata program has provided a positive effect on students character supporting the objective of SD. It is shown by the students' awareness of the importance of SD, including the aspect of Knowingness, Attitude, and Behavior.

Keywords: Adiwiyata, Attitude, Behavior, Education for Sustainable Development, Junior

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Politics And Business: Policy on Mining Management in Bangka Island, Before and After

Hartuti Purnaweni^{1*}, Kismartini^{1,2}, Bulan Prabawani³, Ali Roziqin⁴

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Abstract

Tin mining in Bangka Island, Indonesia, has been done for more than a century. Firstly executed during the Dutch colonialization period, tin mining was then monopolized by the government through its state-based company. The emergence of hundreds of unconventional, people-based mining, was seen after the 2001 policy which drawn the status of tin as strategic mining material. The aim of this article is to analyze local political and business dynamics related to tin mining in Bangka and its surrounding. It is expected that this research could give a different point of view to tin mining analysis in Bangka, which mostly focused on the physical impacts of mining on the environment. is method was done through library research, especially analysis on previous articles, added with observation and in-depth interview. It is found that the regulation revocation over monopolized status by the state has been undeniably given room for everyone to mine in Bangka, which then gives destructive effects to this very beautiful island. These facts are actually strongly related to the strong influence of local politics and mining business, although these two entities are different epistemologically. It is suggested that the state must have a much stronger role in implementing regulation towards sustainable development direction for the next generations to come.

Keywords: Tin Mining, Local Politics, Mining Business, Environmental Destruction

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Inequality of Economic Growth Between Region In Indonesia: Hard Infrastructure Or Soft Infrastructure?

Barata Andrianto Djamal^{1*}, Mohammad Kemal Taufiqurrahman², Muhammad Nur Iman³, Christian Jeremy Siahhaan⁴

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Abstract

In 2014, the Indonesian government has made infrastructure development as a government priority program. Infrastructure is one of the factors that can affect the growth of a region. The difference in inter-regional infrastructure development has led to imbalances in economic growth between provinces in Indonesia. In this study, the classification of infrastructure is divided into 2 namely hard infrastructure which is formed from variables of electrification, access to water and road access, and soft infrastructure which are explained through variables of life expectancy, literacy rates, and school enrollment rates. This study uses the Ordinary Least Square estimation technique. The data used in this study is panel data of 34 provinces in Indonesia for the period 2013-2016. To explain the growth-inequality between these research areas using the Williamson Index. Principal Component Analysis is used in this study to explain hard infrastructure variables and soft infrastructure. The results of this study show that the development of hard infrastructure and soft infrastructure in various regions in Indonesia has reduced the number of inequality in various regions in Indonesia.

Keywords: Inequality, Hard Infrastructure, Soft Infrastructure, Economic Growth

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FUTURE EVENTS

**6th INTERNATIONAL CONFERENCE ON
“Emerging Trends in Academic Research” (ETAR–2019)**



Date: November 27-28, 2019

Venue: The Trans Resort Bali, Indonesia

Email: etar@globalilluminators.org

Abstract Submission Date: November 05, 2019

Full Paper Submission Date: November 15, 2019

Selected conference papers will be published in the special /regular issue of ISI/Scopus-indexed journals associated with this conference.

Conference Main Tracks

- Business, Management, and Economic Studies
- Health and Medicine Studies
- Engineering & Technology Studies
- Social Sciences & Humanities
- Physical Life and Applied Sciences
- Regional and Religious Studies
- Multidisciplinary and Interdisciplinary Studies

For more details, visit www.globalilluminators.org

**6th INTERNATIONAL CONFERENCE ON
“Innovation Challenges in Multidisciplinary Research &
Practice” (ICMRP–2019)**



Date: December 14-15, 2019

Venue: Hotel Grand Pacific Singapore

Email: icmrp@globalilluminators.org

Abstract Submission Date: November 20, 2019

Full Paper Submission Date: November 25, 2019

Selected conference papers will be published in the special /regular issue of ISI/Scopus-indexed journals associated with this conference.

Conference Main Tracks

- Business, Management, and Economic Studies
- Health and Medicine Studies
- Engineering & Technology Studies
- Social Sciences & Humanities
- Physical Life and Applied Sciences
- Regional and Religious Studies
- Multidisciplinary and Interdisciplinary Studies

For more details, visit www.globalilluminators.org

**6th INTERNATIONAL CONFERENCE ON
“Global Issues in Multidisciplinary Academic Research”
(GIMAR–2020)**



Date: February 22-23, 2020

Venue: Hotel Mystays Ochanomizu Conference Center
Tokyo, Japan

Email: gimar@globalilluminators.org

Abstract Submission Date: February 05, 2020

Full Paper Submission Date: February 10, 2020

Selected conference papers will be published in the special /regular issue of ISI/Scopus-indexed journals associated with this conference.

Conference Main Tracks

- Business, Management, and Economic Studies
- Health and Medicine Studies
- Engineering & Technology Studies
- Social Sciences & Humanities
- Physical Life and Applied Sciences
- Regional and Religious Studies
- Multidisciplinary and Interdisciplinary Studies

For more details, visit www.globalilluminators.org

**7th INTERNATIONAL CONFERENCE ON
“Trends in Multidisciplinary Business & Economic
Research” (2020)**



Date: March 21-22, 2020

Venue: Mercure Hotel Amsterdam City, Netherlands

Email: tmber@globalilluminators.org

Abstract Submission Date: February 25, 2020

Full Paper Submission Date: March 10, 2020

Selected conference papers will be published in the special /regular issue of ISI/Scopus-indexed journals associated with this conference.

Conference Main Tracks

- Business, Management, and Economic Studies
- Health and Medicine Studies
- Engineering & Technology Studies
- Social Sciences & Humanities
- Physical Life and Applied Sciences
- Regional and Religious Studies
- Multidisciplinary and Interdisciplinary Studies

For more details, visit www.globalilluminators.org

**6th INTERNATIONAL CONFERENCE ON
“Multidisciplinary Innovation in Business Engineering
Science & Technology” (2020)**



Date: April 04-05, 2020

Venue: Regal Oriental Kowloon, Hong Kong

Email: mibest@globalilluminators.org

Abstract Submission Date: March 15, 2020

Full Paper Submission Date: March 26, 2020

Selected conference papers will be published in the special /regular issue of ISI/Scopus-indexed journals associated with this conference.

Conference Main Tracks

- Business, Management, and Economic Studies
- Health and Medicine Studies
- Engineering & Technology Studies
- Social Sciences & Humanities
- Physical Life and Applied Sciences
- Regional and Religious Studies
- Multidisciplinary and Interdisciplinary Studies

For more details, visit www.globalilluminators.org

**6th INTERNATIONAL CONFERENCE ON
“New Directions in Multidisciplinary Research &
Practice” (NDMRP 2020)**



Date: June 14-15, 2020

Venue: Novotel London Waterloo Hotel, UK

Email: ndmrp@globalilluminators.org

Abstract Submission Date: May 15, 2020

Full Paper Submission Date: May 30, 2020

Selected conference papers will be published in the special /regular issue of ISI/Scopus-indexed journals associated with this conference.

Conference Main Tracks

- Business, Management, and Economic Studies
- Health and Medicine Studies
- Engineering & Technology Studies
- Social Sciences & Humanities
- Physical Life and Applied Sciences
- Regional and Religious Studies
- Multidisciplinary and Interdisciplinary Studies

For more details, visit www.globalilluminators.org

**7th INTERNATIONAL CONFERENCE ON
“Global Trends in Academic Research” (GTAR 2020)**



Date: June 20-21, 2020

Venue: Novotel Barcelona Sant Joan Despi, Spain

Email: gtar@globalilluminators.org

Abstract Submission Date: June 05, 2020

Full Paper Submission Date: June 10, 2020

Selected conference papers will be published in the special /regular issue of ISI/Scopus-indexed journals associated with this conference.

Conference Main Tracks

- Business, Management, and Economic Studies
- Health and Medicine Studies
- Engineering & Technology Studies
- Social Sciences & Humanities
- Physical Life and Applied Sciences
- Regional and Religious Studies
- Multidisciplinary and Interdisciplinary Studies

For more details, visit www.globalilluminators.org

**7th INTERNATIONAL CONFERENCE ON
“Multidisciplinary Innovation for Sustainability and
Growth” (MISG 2020)**



Date: July 11-12, 2020

Venue: The Federal Kuala Lumpur Malaysia

Email: misg@globalilluminators.org

Abstract Submission Date: June 25, 2020

Full Paper Submission Date: June 30, 2020

Selected conference papers will be published in the special /regular issue of ISI/Scopus-indexed journals associated with this conference.

Conference Main Tracks

- Business, Management, and Economic Studies
- Health and Medicine Studies
- Engineering & Technology Studies
- Social Sciences & Humanities
- Physical Life and Applied Sciences
- Regional and Religious Studies
- Multidisciplinary and Interdisciplinary Studies

For more details, visit www.globalilluminators.org

**6th INTERNATIONAL CONFERENCE ON
“Multidisciplinary Innovation in Academic Research”
(MIAR-2020)”**



Date: August 15-16, 2020

Venue: The Howard Plaza Hotel Taipei, Taiwan

Email: miar@globalilluminators.org

Abstract Submission Date: July 20, 2020

Full Paper Submission Date: August 05, 2020

Selected conference papers will be published in the special /regular issue of ISI/Scopus-indexed journals associated with this conference.

Conference Main Tracks

- Business, Management, and Economic Studies
- Health and Medicine Studies
- Engineering & Technology Studies
- Social Sciences & Humanities
- Physical Life and Applied Sciences
- Regional and Religious Studies
- Multidisciplinary and Interdisciplinary Studies

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**6th INTERNATIONAL CONFERENCE ON
“Multidisciplinary Academic Research & Global
Innovation”(MARGI-2020)”**



Date: August 29-30, 2020

Venue: Leisure Inn Hotel Le Shu Shanghai, China

Email: margi@globalilluminators.org

Abstract Submission Date: August 10, 2020

Full Paper Submission Date: August 14, 2020

Selected conference papers will be published in the special /regular issue of ISI/Scopus-indexed journals associated with this conference.

Conference Main Tracks

- Business, Management, and Economic Studies
- Health and Medicine Studies
- Engineering & Technology Studies
- Social Sciences & Humanities
- Physical Life and Applied Sciences
- Regional and Religious Studies
- Multidisciplinary and Interdisciplinary Studies

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CSR



Environment

Charities

Public Health



Growth and
Development

Sustainability





The Objectives of this event were:

1. Media of education for parents and children to be aware of a digital new era and its impact on children's life
2. Facilitate and promote futsal as one of the kinds of sports activation that can be an alternative activity for children against the negative impact of the internet
3. Social activity and charity engaging orphans to enjoy sports activities together with their friends
4. Corporate Social Responsibility of the Company to contribute to society, especially to solve one of the social problems in Bandung.

Highlights of CSR Activities are given below:



Global Illuminators Malaysia Team conducted its Latest CSR activity at Rumah Charis, Kuala Lumpur, Malaysia Children Home

Global Illuminators Malaysia Team conducted its latest CSR activity at Rumah Charis, Kuala Lumpur, Malaysia Children home. The children home ministry provides care for orphans and single-parent children. Their homes and activities aim to create a suitable environment to enable children to grow. They help to provide spiritual direction, education, and counseling for the children. Emphasis was given to fellowshiping and spending time with the children over refreshments, as well as presenting them with small gifts and the organizing of special entertainment programmes for the children such as a special game segment. One of the other highlights of the evening was the goodie bags distribution programme carried out by Global Illuminators.



Global Illuminators Indonesian Team conducted its Latest CSR activity in Ramadan for Local Community Welfare, sharing Happiness and developing Orphan Children

Global Illuminators Indonesian team conducted its latest CSR activity in Ramadan for orphans. The purpose of this activity was to give happiness and develop orphans with the support of more than 60 volunteers and distribute iftar to more than 400 beneficiaries (yateem, orphan, and dhuafa). Global Illuminators Indonesian team spent time with children and conducted different activities for their moral self-development.

Highlights of this activity are given below:







GLOBAL ILLUMINATORS

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VISION

“Researching and Developing for Humanity”

MISSION

“Our mission is to persistently nurture the values to promote the human rights, institutional and academic development through quality research contributions. Our unique human capital with constructive attitude is committed to bring change in all spheres of life by using innovative research and intellectual skills. We are here to research and promote the development, prosperity and transparency across the globe without any discrimination”.

5TH INTERNATIONAL CONFERENCE ON

“Research Challenges to Multidisciplinary Innovation”

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