



GLOBAL ILLUMINATORS

MARGI 2019

Beijing, China

5th International Conference on
**“Multidisciplinary Academic Research &
Global Innovation”**

August 24-25, 2019

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5th International Conference on “Multidisciplinary Academic Research & Global Innovation” (MARGI- August 24-25, 2019)
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MARGI 2019

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**5th International Conference on
“Multidisciplinary Academic Research & Global
Innovation” (MARGI -2019)”**

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Country Director (Global Illuminators Iraq)

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Conference Chair Message

Farooq Ahmed Jam (Ph.D.)



5th International Conference on “Multidisciplinary Academic Research & Global Innovation” (MARGI - 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 MARGI Papers

For this year, MARGI 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 MARGI, 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
27	6	10	11	22.22%

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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 MARGI 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 MARGI tradition.

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

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SCIENTIFIC REVIEW COMMITTEE
MARGI-2019**

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CONFERENCE PROGRAM

DAY 01 Saturday (August 24, 2019)

Welcome Reception & Registration

9:00 am – 09:30 am

Opening Ceremony (09:30 am – 10:20 am)

Venue: Room 1

09:30 am – 09:40 am	Opening Speech – Mr. Metha Conference Coordinator, Global Illuminators
09:40 am – 09:50 am	Opening Speech – Dr. Farooq Ahmed Jam (Ph.D.) Executive Director, Global Illuminators
09:50 am – 10:05 am	Group Photo & Award Ceremony

Grand Networking Session and Tea Break (10:05 am – 10:20 am)

DAY 01 Saturday (August 24, 2019)

Session 1 (10:20 am – 12:00 pm)

Venue: Room 1

Session Chair: Dr. Xiaoqing Li

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

MARGI-19-106	Generational Fault Lines and its Influence on Community Disputes in Africa	Macdonald Rammala
ARSSH-19-107	The Effect of Love Messages on Gift Budgeting	Yanan Wang
ARSSH-19-114	Decomposition of Economic Efficiency of Dmus With Non-Homogeneous Inputs and Outputs Under the Imperfect Competition Market Assumption	Ming-Miin Yu
ARSSH-19-103	The Use of Mother Tongue in the English Class	Ghaida, Ali Alzahrani
MARGI-19-111	The Transformation of the Political Center in Israel: From Satellite Parties to Parties Competing to Form A Government	Ephrat Knoller

DAY 01 Saturday (August 24, 2019)

Session 2 (12:00 pm – 12:15 pm)

Venue: Room 1

Session Chair: Dr Yong Zhang

Track B: Engineering and Technology Studies

ETITR-19-101	The Optical and Electronic Features of HgS ₂ (X=P, As) Chalcopyrite Materials: A First Principle Calculations	Khalid Shah
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Lunch Break and closing Ceremony (12:15 pm – 12:30 pm)

LIST OF CONFERENCE ATTENDEE’S

The following scholars/practitioners/educationists don’t have any paper presentations; however they will be attending the conference as delegates and observers.

ID	Name	Affiliation	Country
MARGI-19-104A	Dr.Xiaoqing Li	Brunel University London	UK

DAY 02 Sunday, (August 25, 2019)

All respected guests are free to conduct their own sightseeing and tour.
The second day of the event is reserved for this memorable purpose



TRACK A: BUSINESS, MANAGEMENT, AND ECONOMIC STUDIES



The Effect of Love Messages on Gift Budgeting

Yanan Wang*

Bishop's University, Canada

Abstract

It is proposed that when people give a gift, they engage in 'love accounting' so that they will spend less on it if they include a written expression of love with it. This hypothesis was tested with college students (N = 314). It was found that participants who wrote a love message to accompany a Mother's Day gift budgeted less for the gift itself than control participants (Experiment 1), and this effect was replicated for a Christmas gift (Experiment 2). The amount of effort expended by the giver on preparing the love message did not account for the effect (Experiment 3). It is concluded that a gift and its accompanying love message are mentally computed as belonging to the same "love account", implying that consumers' excessive splurging on gifts might be controlled by writing a love message before gift shopping.

Keywords: Gift, Budgeting, Messages

*All correspondence related to this article should be directed to Yanan Wang, Bishop's University, Canada
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Decomposition of Economic Efficiency of Dmus with Non-Homogeneous Inputs and Outputs Under the Imperfect Competition Market Assumption

Ming-Miin Yua^{1*}, Li-Hsueh Chena²

^{1,2} National Taiwan Ocean University, Taiwan

Abstract

As international competition is becoming ever more intense, the profit efficiency of today's company plays a very important role in the global market. Not only does the production process need to become more efficient in order to improve company performance, but also an optimal output/input mix given the prevailing relative prices needs to be found in order for firms to survive. Traditional profit efficiency evaluates the ability of a decision-making unit (DMU) to produce the maximum revenue at minimal cost, given its input and output prices. Due to the fixed prices assumption, traditional profit efficiency only reflects efficiency corresponding to the levels and mix of inputs and outputs. Profit expansion cannot be attained with price adjustments. Moreover, if the inputs and outputs are not homogeneous, the prices may differ between DMUs in order to qualitatively differentiate the resources available at each DMU. To overcome the limitation of the existence of a set of efficient prices that is uniform across all DMUs as a necessary and sufficient condition for Pareto efficiency, the purpose of the paper is to relax the fixed prices assumption in the situation of non-homogeneous inputs/outputs and develop an enhanced approach for the assessment of economic efficiency in a scenario where price adjustments are possible, such that the DMUs are evaluated based on the ability to produce with maximal profit in the situation of non-homogeneous inputs and outputs. Based on the proposed method, a DMU is able to identify the sources of inefficiency, and thus work to make the necessary improvements.

Keywords: Data Envelopment Analysis; Profit Efficiency; Imperfect Competition

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TRACK B: SOCIAL SCIENCES AND HUMANITIES STUDIES



Generational Fault Lines and its Influence on Community Disputes in Africa

Macdonald Rammala*

University of South Africa, South Africa

Abstract

The image of elders sitting under a tree and sharing knowledge with young men and women has since been replaced by urban boardrooms whereby elders are considered as equal to the young men and women. The generational differences no longer consider the elders as the most important source of knowledge. Instead, the elder is seen as a leading cause of the challenges which are faced by the younger generation of the modern day. The exchange or rather the sharing of knowledge by the elders to the younger generation is no longer the norm, but a context in which an elder is belittled and blamed for the errors of the past which do have an influence on the challenges which young people face today. This sign of generational resilience weakens the image of an elder as a potential role player in resolving disputes, and it also disrupts the passing of knowledge from the elders to the new generation. It is said that children used to be seen but not heard – but current disputes on the political sphere reflect scenes in which children have assumed the roles of elders and in this sense, are slowly rejecting and replacing the knowledge of the elders. The process of acquiring knowledge is a lifelong process and not an event, when generational fault lines discourage the elders from sharing knowledge, this will lead to a lack of intellect and wisdom when dealing with disputes. The knowledge of the elders is not just for the purposes of resolving disputes; it is also vital in molding young minds and influencing future harmonistic approaches of communication and also learning to understand diverse and different opinions. The sharing of knowledge by the elders is also an important tool which enhances listening skills, arouses enthusiasm, and encourage the young generation to get involved in the process of passing the knowledge when they become elders. Generational fault lines should not disregard the elder's significance in resolving disputes but rather encourage the exchange of knowledge and broaden the context in which all will respect and acknowledge the presence of one another.

Keywords: Community Disputes, South Africa, Generational Fault

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The Transformation of the Political Center in Israel: From Satellite Parties to Parties Competing to Form a Government

Ephrat Knoller*

Bar Ilan University, Israel

Abstract

This research focuses on the significant changes that have taken place in the strength of the center parties in Israel. The political system in Israel is a multiparty system, composed of right-wing parties, left-wing parties, center parties, religious parties, and ethnic parties. This research does not relate to the religious and ethnic parties because they are not on the right-to-left spectrum. The research questions: 1. What are the factors behind the changes in the strength of the center parties in Israel? 2. Are the demographic changes that have taken place in Israeli society cause middle-class support in the center parties? 3. Is the strengthening of the political center stemmed from the extremism that occurred in the right-wing and left-wing parties? There is controversy amongst the researchers as to the very existence of center parties (Knoller, 2000, 2017; Arian & Shamir, 2004; Hazan, 1999; Smith, 1988). Throughout the 71 years of Israel's existence, there have been 15 center parties. Most of them have been small and have disappeared after one or two Knesset terms. Starting in the early 2000s, the power of the center parties in Israel underwent significant changes, from small parties, they have become large parties that compete for the ability to form a government. 1. The strengthening of the center parties stemmed from the radicalization of both the left and the right 2. The middle class is one of the factors in the strengthening of the center parties. 3. Other factors include the party leadership and the overall platform, which offers every voter the ideology that suits him.

Keywords: Transformation, Satellite Parties, Political centre

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TRACK C: ENGINEERING AND TECHNOLOGY STUDIES



The Optical And Electronic Features Of HgSiX₂ (X=P, As) Chalcopyrite Materials: First Principle Calculations

Khalid Shah^{1*}, Guiwu Lu², Zhenqing Yang³

^{1,2,3} China University of Petroleum, China

Abstract

In this study, we figured out the optical and electronic features of HgSiX₂ (X=P, As) with the help of pseudo-potential plane wave approach in Castep module rely on density functional theory (DFT) of Generalized gradient approximation (GGA). Our output results showed alignment with the results drawn from the other experimental and theoretical studies. The band energy gaps, partial and total densities of states, and optical properties have been calculated and elaborated. From the band structures and density of states calculated outputs, showed that these materials are semiconductors of band gap energy equal to 0.833 eV for HgSiP₂ phase and 0.425 eV for HgSiAs₂ Phase, and their larger contribution is coming from Si-3p P-3p and As-4p atomic orbitals. Moreover, the comprehensive analysis of optical-functions such as reflectivity, absorption spectra, and dielectric function, etc. showed that these compounds are good dielectric materials. The calculated results revealed that these materials could be as a coating material, optical storage devices, infrared detectors, and Braggs reflectors. It is hoped that the manufacture of HgSiP₂ and HgSiAs₂ devices can give new advance strategies and gateways for the explorations in high efficient optoelectronic materials.

Keywords: Optical and Electronic Features, Principle Calculations

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FUTURE EVENTS

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



Date: September 27-28, 2019

Venue: Holiday Inn Bangkok Silom, Bangkok Thailand

Email: mtar@globalilluminators.org

Abstract Submission Date: September 05, 2019

Full Paper Submission Date: September 10, 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

**5th INTERNATIONAL CONFERENCE ON
“Research Challenges to Multidisciplinary Innovation”
(RCMI– 2019)**



Date: October 05-06, 2019

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

Email: rcmi@globalilluminators.org

Abstract Submission Date: September 20, 2019

Full Paper Submission Date: September 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
“Innovative Trends in Multidisciplinary Innovation”
(ITMAR– 2019)**



Date: October 19-20, 2019

Venue: Istanbul Gonen Hotel, Istanbul, Turkey

Email: itmar@globalilluminators.org

Abstract Submission Date: September 25, 2019

Full Paper Submission Date: October 9, 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

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**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

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**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

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**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

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**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

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**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

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



Date: June 20-21, 2020

Venue: Novotel London Waterloo Hotel, UK

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

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**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
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- Social Sciences & Humanities
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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

VISION

Researching and Developing for
Humainty

MISSION

Our mission is to presistently 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 promote the develoment, prosperity and transparency across the globe without any discrimination.

5th International Conference on “Multidisciplinary Academic Research & Global Innovation” (MARGI-2019)

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