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# 2nd International Conference on Dynamics of Social Sciences and Humanities Research



October 19-20, 2018  
Istanbul, Turkey



International Conference on “2nd International Conference on Dynamics of  
Social Sciences and Humanities Research (DSSHR- October 19-20, 2018)  
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GI Social Sciences Forum,, Kuala Lumpur, Malaysia.



# **DSSHR 2018**

## **Conference Proceeding**

### **Book of Abstracts**

**2nd International Conference on  
Dynamics of Social Sciences and Humanities Research  
(DSSHR-2018)**

**Venue: Istanbul GONEN Hotel, Istanbul, Turkey**

**Editor:**

**Dr. Ahmad Saddam Ph.D.**

Country Director (Global Illuminators Iraq)

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## TABLE OF CONTENTS

<b>DSSHR 2018 CONFERENCE ORGANIZING COMMITTEE.....</b>	<b>IV</b>
<b>CONFERENCE CHAIR MESSAGE.....</b>	<b>V</b>
<b>TYPE OF DSSHR PAPERS .....</b>	<b>VII</b>
<b>REVIEWING CRITERIA .....</b>	<b>VII</b>
<b>ACKNOWLEDGMENT .....</b>	<b>IX</b>
<b>SCIENTIFIC REVIEW COMMITTEE.....</b>	<b>X</b>
<b>KEYNOTE SPEAKERS .....</b>	<b>XXI</b>
<b>DSSHR 2018 TRACKS’ CHAIRS.....</b>	<b>XXII</b>
<b>DSSHR 2018 RESEARCH WORKSHOP .....</b>	<b>XXIII</b>
<b>BEST PAPER NOMINEE LIST .....</b>	<b>XXIV</b>
<b>DSSHR 2018 BEST PAPER AWARD WINNER.....</b>	<b>XXV</b>
<b>DSSHR 2018 CONFERENCE COMMITTEE.....</b>	<b>XXVI</b>
<b>CONFERENCE PROGRAM .....</b>	<b>XXVII</b>
<b>LIST OF CONFERENCE ATTENDEE .....</b>	<b>XXXIII</b>
<b>TRACK B: SOCIAL SCIENCES &amp; HUMANITIES.....</b>	<b>35</b>
1. THE CAPACITY APPROACH IN ANALYZING THE LOCAL ACTORS PROFILES IN THEIR ORGANIZATION AROUND THE TOURISM PROJECT IN THE PROVINCE OF GUELMIM .....	36
2. MANAGING ACCULTURATIVE STRESS AND BUILDING AN EFFECTIVE INTERCULTURAL RELATION: A CASE STUDY AMONG INTERNATIONAL STUDENTS AT UNIVERSITI MALAYSIA SABAH.....	37
3. THE MUSLIM SUBJECTS OF THE KINGDOM OF GEORGIA IN THE12TH - EARLY 13TH CENTURY .....	38
4. TRANSFER OF TECHNOLOGY AND ITS RELATIONSHIP WITH WORK PERFORMANCE AMONG EXTENSION AGENTS IN MALAYSIAN COCOA BOARD (EAST MALAYSIA) .....	39
5. HUMAN RESOURCE DEVELOPMENT COMPETENCY AND ITS RELATIONSHIP WITH WORK PERFORMANCE OF EXTENSION AGENTS .....	41
6. THE LIMITATION CLAUSES ON THE HUMAN RIGHTS AND FUNDAMENTAL FREEDOMS AND THE ROLE OF THE COURT OF JUSTICE OF THE EUROPEAN UNION (CJEU) .....	43

7. RELATIONSHIPS BETWEEN TRANSFER OF TECHNOLOGY, HUMAN RESOURCE DEVELOPMENT, AND EXTENSION AGENTS’ WORK PERFORMANCE AMONG COCOA GROWERS IN MALAYSIA .....	45
<b>TRACK C: ENGINEERING AND TECHNOLOGY STUDIES .....</b>	<b>47</b>
8. APPLICATION OF DYNAMIC FREQUENCY-PULSE AUTOMATIC CONTROL SYSTEMS IN THE OPTICAL FIBER EXHAUST .....	48
<b>TRACK C: HEALTH AND MEDICINE STUDIES.....</b>	<b>49</b>
9. VIRTUAL REALITY SIMULATORS’ EFFECTIVENESS AS AN ADDITIONAL TEACHING TOOL ON CLINICAL PERFORMANCE .....	51
10. CORRELATION OF BONE MINERAL DENSITY MEASURED IN QUANTITATIVE COMPUTED TOMOGRAPHY WITH HOUNSFIELD UNIT .....	52
<b>FUTURE EVENTS.....</b>	<b>53</b>
<b>CSR .....</b>	<b>65</b>

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**Assistant Professor**

*University of Haripur, Pakistan*

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**Muhammad Abbas (Ph.D.)**

*Director Policy & Research ( GI Social Sciences Forum)*

## Conference Chair Message

**Farooq Ahmed Jam (Ph.D.)**



2nd International Conference on Dynamics of Social Sciences and Humanities Research” (DSSHR -2018)” serves as a platform that aims at helping the scholarly community across nations to explore the critical role of multidisciplinary innovations for sustainability and growth of human societies. This conference provides 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 welfare of humanity to bring prosperity, peace, and harmony in this world. Stay blessed.

## **Type of DSSHR Papers**

For this year, DSSHR 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 Empirical studies 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 practical standards. The objective of the Insight is to identify the real-world problems and how they can be solved with the help of information systems.

## **Reviewing Criteria**

In DSSHR, all papers are judged on the same criteria (relevance, significance, originality, validity, and clarity). However, some criteria differ between the Empirical papers and the 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 in different researches in the conference is related to empirical 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, and 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	20	9	11	50%

### Copyright Agreement

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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 DSSHR 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 DSSHR tradition.

Farooq Ahmed Jam (Ph.D.), Tariq Iqbal Khan (Ph.D.),  
Muhammad Abbas (Ph.D.)  
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## KEYNOTE SPEAKERS

### **Dr. Salim Hassan (Ph.D.)**



Dr. Salim Hassan is a Fellow Lecturer, the subject of Agricultural Extension, at the Department of Agricultural Technology, Faculty of Agriculture, Universiti Putra Malaysia, Serdang Selangor. He obtained his PhD in the field of Rural Development and Agricultural Extension from Universiti Putra Malaysia (UPM). He is also a former Agriculture Officer working in the Department of Agriculture, Peninsular Malaysia for over 30 years. His field of expertise is in Human Capital Development covering university students, agricultural entrepreneurs and Development Experts. In the field of learning and teaching, he has conducted studies on empowerment, coaching and mentoring. The combination of extensive knowledge and work experience enabled him to be favoured by UPM Serdang students. In the development of agricultural entrepreneurs, he conducted exploratory studies and surveys on the characteristics of successful paddy entrepreneurs in Malaysian granary. While as a Development Officer, he conducted several studies such as; Competency of Development of Officers in the planning, implementation and monitoring of rice technology; Competency of Development Officers in technology transfer and human resource development for cocoa plants. He also conducted joint research with African students such as Gambia and Nigeria. His latest study was on the competency of Development Officers in the transfer of vegetable and fruit technology in Malaysia.

## **DSSHR 2018 Tracks’ Chairs**

### **Social Sciences and Humanities Studies**

Rahul P Kotian & Malika Ait Nasser

### **Engineering and Technology Studies**

Halina Sendera Mohd Yakin & Salim Hassan

### **Health and Medicine Studies**

Byoungyoung Choi & Nani Gelovani

## **DSSHR 2018 Research 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 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 the authors, major reasons of article rejection in good journals, steps and tips to improve article's quality and content, and finding a relevant outlet for your research. Hope this workshop will help the participants improve their understanding about the publication process.



## **Best Paper Nominee List**

### **Managing Acculturative Stress And Building An Effective Intercultural Relation : A Case Study Among International Students At Universiti Malaysia Sabah**

*Halina Sendera Mohd Yakin<sup>1\*</sup>, Andreas Totu<sup>2</sup>*

University of Malaysia Sabah, Malaysia

### **The Limitation Clauses on the Human Rights and Fundamental Freedoms and the Role of the Court of Justice of the European Union (CJEU)**

*Syed Raza Shah Gilani<sup>1\*</sup>, Bushra Malik<sup>2</sup>, Ali Fayyaz<sup>3</sup>*

<sup>1,2,3</sup> Brunel University London, United States

### **Application of Dynamic Frequency-Pulse Automatic Control Systems the Optical Fiber Exhaust**

*Tergeussizova Aliya Sovetjanovna<sup>1\*</sup>, Aitchanov  
Bekmurza Husainovich<sup>2</sup>*

<sup>1,2</sup> Al-Farabi Kazakh National University, Kazakhsatn

## **DSSHR 2018 Best Paper Award Winner**

### **Managing Acculturative Stress And Building An Effective Intercultural Relation : A Case Study Among International Students At Universiti Malaysia Sabah**

*Halina Sendera Mohd Yakin<sup>1\*</sup>, Andreas Totu<sup>2</sup>*

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### **Conference Co-Chair**

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*Director Policy & Research ( G1 Social Sciences Forum)*

### **Editor**

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# CONFERENCE PROGRAM

**DAY 01 Friday (October 19, 2018)**

**Welcome Reception & Registration**

**08:00 am – 08:30 am**

**Opening Ceremony (08:30 am – 09: 40 am)**

**Venue: Room 1**

08:30 am – 8:40 am	Welcome Remarks – <b>Mr . Metin Gürani</b>	Conference Coordinator ITMAR-2018
08:40 am – 8:55 am	Opening Speech – <b>Dr. Farooq Ahmed Jam (Ph.D.)</b>	Executive Director Global Illuminators Conference Chair ITMAR-2018
08:55 am – 9:10 am	Keynote Speech- <b>Dr. Salim Hassan (Ph.D.)</b>	Faculty of Agriculture, Universiti Putra Malaysia, Serdang Selangor, Malaysia
09:10 am - 9:25 am	Group Photo & Award Ceremony	

**Grand Networking Session and Tea Break (09:25 am – 09:40 am)**



**DAY 01 Friday (October 19, 2018)**

**Session 1 (09:40 am – 11:00 am)**

**Venue: Room 1**

**Session Chairs: Byoungyoung Choi & Nani Gelovani**

**Track A: Health and Medicine Studies**

ITMAR-18-106	Virtual Reality Simulators’ Effectiveness as an Additional Teaching Tool on Clinical Performance	Narges Kasraie
ITMAR-18-120	Correlation of Bone Mineral Density Measured In Quantitative Computed Tomography With Hounsfield Unit	Rahul P Kotian

**DAY 01 Friday (October 19, 2018)**

**Workshop Session (11:00 am – 01:00 pm)**

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

<b>Trainer</b>	Dr. Farooq Ahmed Jam (Ph.D.)
<b>Participants</b>	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.

**Lunch Break (01:00 pm – 02:00 pm)**



**DAY 01 Friday (October 19, 2018)**

**Session 2 (02:00 pm – 04:30 pm)**

**Venue: Room 1**

**Session Chairs: Rahul P Kotian & Malika Ait Nasser**

**Track B: Social Sciences and Humanities Studies**

ITMAR-18-124	Chemical Study of the Effect of Fruit Peel on the Treatment of Hard Water	Bendaoud-Boulahlib Yasmina
ITMAR-18-129	The Capacity Approach in Analyzing the Local Actors Profiles in their Organization around the Tourism Project in the Province of Guelmim	Malika Ait Nasser
DSSHR-18-101	Managing Acculturative Stress and Building an Effective Intercultural Relation : A Case Study Among International Students at Universiti Malaysia Sabah	Halina Sendera Mohd Yakin
DSSHR-18-117	The Muslim Subjects of the Kingdom of Georgia in the 12th-Early 13th Century	Nani Gelovani
DSSHR-18-118	Transfer of Technology and its Relationship towards Work Performance among Extension Agents in Malaysian Cocoa Board (East Malaysia)	Murni Azureen Mohd Pakri
DSSHR-18-121	Human Resource Development Competency and its Relationship with Work Performance of Extension Agents	Nur Syahirah Abd Halim,
DSSHR-18-122	The Limitation Clauses on the Human Rights And Fundamental Freedoms and the Role of the Court of Justice of the European Union (CJEU)	Syed Raza Shah Gilani

**Tea Break (04:30 pm – 04:45 pm)**



**DAY 01 Friday (October 19, 2018)**

**Session 2 (02:00 pm – 04:30 pm)**

**Venue: Room 1**

**Session Chairs: Rahul P Kotian & Malika Ait Nasser**

**Track B: Social Sciences and Humanities Studies**

DSSHR-18-127	Relationships Between Transfer of Technology, Human Resource Development and Extension Agents' Work Performance among Cocoa Growers in Malaysia	Salim Hassan
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**Tea Break (04:30 pm – 04:45 pm)**





**DAY 01 Friday (October 19, 2018)**

**Session 3 (04:45 pm – 05:15pm)**

**Venue: Room 1**

**Session Chairs: Halina Sendera Mohd Yakin & Salim Hassan**

**Track C: Engineering and Technology Studies**

ITMAR-18-105	Application of Dynamic Frequency-Pulse Automatic Control Systems the Optical Fiber Exhaust	Tergeussizova Aliya Sovetjanovna
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**Closing Ceremony: (05:15 pm – 05:30 pm)**



## LIST OF CONFERENCE ATTENDEE

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
ITMAR-18-126	Byoungyoung Choi	Yonsei University	South Korea

## DAY 02 Saturday, (October 20, 2018)

### “CITY TOUR”

Gathering of Participants at the Lobby of Hotel Istanbul Gonen Hotel, Istanbul, Turkey at 01:00 pm and **Departure:** 01:30 pm for City Tour.

Drop Back at Hotel Istanbul Gonen Hotel, Istanbul, Turkey at  
10:00 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 one day before the tour.



## **TRACK B: SOCIAL SCIENCES & HUMANITIES**



## The Capacity Approach in Analyzing the Local Actors Profiles in their Organization around the Tourism Project in the Province of Guelmim

**Malika Ait Nasser\***

University Campus of Ait Melloul (CUAM), Morocco

### Abstract

The capability approach in the freedom of choice aspect and actors organization give rise to individual and collective competencies according to their will and the particularity of their territory. The study of the profiles of the actors in their organization around the tourist projects is a reading of the territory and the stakes of its construction. So, what is the relationship between the capability of local actors and their profiles in the construction of tourism projects? The creation of a collective dynamic around the projects remains indicative of all the interests and influences on the behavior and the dynamics of the local actors that we wish to highlight through this article. The qualitative study of the actor in his organization around a tourism project allows, therefore, to make a reversal of the relationship between the divergent actors and the diversity of interests around the tourist project, which is not only considered in terms of externalities (whether positive or negative), but also as a key factor for the implementation of local development projects in the province of Guelmim's territory.

**Keywords:** Approach, Capability, Local Actor, Dynamic, Tourism Project, Territory, Local Development, Profile, Organization, Guelmim

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Email: malikanacer@hotmail.com



## Managing Acculturative Stress and Building an Effective Intercultural Relation: A Case Study among International Students at Universiti Malaysia Sabah

**Halina Sendera Mohd Yakin<sup>1\*</sup>, Andreas Totu<sup>2</sup>**  
<sup>1,2</sup> Universiti Malaysia Sabah, Malaysia

### Abstract

Migration is a centuries old issue, and intercultural contact is an inevitable phenomenon that occurs globally and the rate increases annually in most countries in the world. Moving into and settling around a new cultural environment can be both exciting as well as challenging. Employing a qualitative method approach and Berry's Acculturation Theory as well as Kim's Cross-Cultural Adaptation Theory, this study investigates the intercultural experiences which focus on acculturative stress experienced and coping strategies employed by the international students in an institution of higher learning in Sabah, Malaysia, namely Universiti Malaysia Sabah, particularly among the Chinese students from the People Republic of China (PRC). It is interesting to note that even though there are lots of problems and hurdles in managing the teaching and learning of the PRC students, the number of PRC students enrolment in the university continues to grow yearly and the figure is outnumbered compared to other international students. Normally, the sojourners will experience a certain degree of acculturative stress or culture shock at the early phase of migration, especially among those who are adopting the separation and marginalization strategy of acculturation. Contrastingly, the findings reveal something different. Even though some of them have experienced a certain degree (minor) of acculturative stress, most of them were able to handle their migrating life as sojourners in Sabah quite comfortably. The results of this study contribute to the understanding of the obstacles and constraints faced by the sojourners as well as factors that lead to their successful adaptation. It offers positive implications and constructive recommendations towards building a conducive intercultural relation between the sojourners and the host.

**Keywords:** Migration, Sojourner, People Republic of China, Intercultural Experience, Acculturative Stress, Cultural Adaptation, Universiti Malaysia Sabah

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## The Muslim Subjects of the Kingdom of Georgia in the 12th - Early 13th Century

**Gotcha Djaparidze<sup>1\*</sup>, Nani Gelovani<sup>2</sup>**

<sup>1,2</sup> Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia

### Abstract

In the first of the 12th century, David IV the Builder, King of Georgia (1089-1125) completed the political unification of the country. Georgia, having thrown away the yoke of Turk-Saljuq rule, turned into a powerful feudal monarchy. His successors Demetre I (1125-1156), Giorgi I (1156-1184), Tamar (1184-1210), and Giorgi Lasha (1210-1223) continued David the Builder's political course directed at uniting the Transcaucasian countries under Georgia's leadership. Georgia's expansion resulted not only in the redeeming of Georgian lands proper but also in incorporation of non-Georgian regions (part of Shirvan, North Armenia) together with their non-Georgian and non-Orthodox Christian Population: Muslims, Jews, and Gregorian/Monophyte Armenians. This raised the problem of the status of the followers of other religions, especially of Muslims, who for the first time came under Georgian rule. The 12th - 13th century Georgian literature and historical sources, expressing negative feelings towards Islam, keep silent about policy of Georgian kings towards their subjected Muslim population. But the works of Arab and Persian authors, dating from the same period, don't contain information concerning this fact. The present study – based on primary sources in Georgian, Armenian, Arabic, and other languages, as well as the literature in the field – deals with the policy of tolerance of other religions pursued by Georgian King David IV the Builder and his successors in their Muslim subjects.

**Keywords:** Kingdom of Georgia, Muslim population, King David IV the Builder, Tbilisi, Peaceful Coexistence

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## Transfer of Technology and its Relationship with Work Performance among Extension Agents in Malaysian Cocoa Board (East Malaysia)

**Murni Azureen Mohd Pakri<sup>1\*</sup>, Salim Hassan<sup>2</sup>, Ramle Kasin<sup>3</sup>,  
Mohd Yusoff Abd Samad<sup>4</sup>**

<sup>1,2,4</sup> Universiti Putra Malaysia, Selangor, Malaysia

<sup>3</sup> Head Office of Malaysian Cocoa Board, Kota Kinabalu, Sabah, Malaysia

### Abstract

Transfer of technology (ToT) refers to the process where the technology is transferred from the pioneer to the middlemen, and to the recipients. ToT is the technical competency where extension agents should have knowledge and skill in the latest of cocoa technology, delivering the technology and evaluating the cocoa technology. In the Malaysian Cocoa Board (MCB), the researcher has developed a new technology and has transferred the new technology to the extension agents; thus, extension agents are responsible to deliver it to the farmers. Thus, MCB has introduced extension program to transfer technology in terms of materials and knowledge to the farmers. However, the yield of cocoa only achieved 0.5 tonne/ha/year, meanwhile the targeted was 1.5 tonne/ha/year. To enhance the productivity of cocoa, the technology should be fully utilised by the farmers. This study exposed the extension agents' capabilities that are important for transferring technology to the farmers. This study, hence, determined the level of ToT towards work performance, identified the relationship between sub-variable of ToT with work performance and most contributed factor towards work performance. The population of the study is the productive cocoa farmers who have 5-7 years' experience and had attended 2 basic trainings. The sample size of the study was selected using stratified random sampling and the strata used for this study is the region office which are Ranau, Kota Marudu, Tawau and Tenom for Sabah, while Kota Samarahan and Betong for Sarawak. A total of 315 productive cocoa farmers was sampled to evaluate the work performance of extension agents by using structured questions to gain responses from the farmers. For the result, findings showed that technical skill, technology delivery skill, and technology evaluation skill have positive and moderate relationship with work performance.

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However, from three variables tested, only technical skill and technology delivery skill have a significant value ( $p = 0.000$ ) towards work performance. The largest Beta coefficient is 0.409 which is for technical skill. This means that technical skill exhibits the strongest contribution to explain the performance of extension agents, when the variance explained by other predictors in the model is controlled. Other skills have Beta values that are too small to be included in the calculation that determines work performance. The  $R^2$  value of 0.463 implies that the three predictors explain that 46.3% of the variance/variation in extension agents' performance or the variability of agricultural extension agents' performance is accounted for by the competencies in the model. This concludes that good technical skill and technology delivery skill for both extension agents and farmers can enhance work performance. This ascertains a boost in farm productivity. For implication and future recommendation, further training is needed in variables that is not significant which is technology evaluation skill for extension agents in Malaysian Cocoa Board. This study is important as transfer of technology plays a crucial role in transferring technology from extension agents to the farmers.

**Keywords:** Transfer of Technology; Extension Agents; Work Performance; Farm Productivity

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## Human Resource Development Competency and its Relationship with Work Performance of Extension Agents

**Nur Syahirah Abd Halim<sup>1</sup>, Salim Hassan<sup>2\*</sup>, Ramle Kasin<sup>3</sup>**

<sup>1,2</sup>Universiti Putra Malaysia, Malaysia

<sup>3</sup>Head Office of Malaysian Cocoa Board, Kota Kinabalu, Sabah, Malaysia

### Abstract

Human Resource Development (HRD) is widely known to be important in organisations and HRD competencies have been in use for a long time to evaluate the performance of workers in organisations. HRD competency of extension agents in Malaysian Cocoa Board is important in guaranteeing farmers to increase the yield of cocoa beans. The decrease in the production of cocoa beans has been distressing and MCB has introduced and tried several programs to overcome the problem; however, the production still did not reach the expected yield set by MCB itself. The purpose of this study is to measure the HRD competencies and evaluate the performance of the Malaysian Cocoa Board's extension agents in Sarawak. The relationship between HRD competencies and work performance was evaluated by the productive cocoa farmers who were selected as the respondents. Stratified random sampling was used to divide the population where the strata used was the region office. Total respondents involved in this research are 124 productive cocoa farmers from several districts. Data that have been collected were analysed using descriptive analysis to determine the demographics of respondents. Correlational analysis was used to evaluate the relationship of HRD with work performance, and multiple regression analysis was used to determine which factor of HRD contributes the most towards work performance of MCB's extension agent. The findings of the study showed that the relationship between HRD competency and work performance is positive. Leadership skills, the skill to guide decision-making, and social skills were the sub-variables used to measure the level of HRD competencies of the extension agents. The relationship between all sub-variables and work performance showed a positive relationship.

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The skill to guide decision-making, and social skills explained about 73% of variance in the work performance of the Malaysian Cocoa Board's extension agents; thus, the skill to guide decision-making and social skills contribute the most towards the performance of extension agents. The implication of this research will increase the performance of organisations as the main purpose of MCB is to increase the productivity of cocoa beans. Other agriculture organisations also can increase the performance of organisations by evaluating performance of their extension agents.

***Keywords:*** Human Resource Development, Leadership Skill, Helping Making Decision Skill, Social Skill, Work Performance

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## The Limitation Clauses on the Human Rights and Fundamental Freedoms and the Role of the Court of Justice of the European Union (CJEU)

**Syed Raza Shah Gilani<sup>1\*</sup>, Bushra Malik<sup>2</sup>, Ali Fayyaz<sup>3</sup>**  
<sup>1,2,3</sup> Brunel University London, UK

### Abstract

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A society that believes in democracy may confine some individual rights in order to ensure the existence of the society and in the interest of public at large, e.g. to guarantee the continual existence of the state, preserve its democratic nature, uphold public health and order, and provide public education, along with other national or collective objectives. The state is justified to limit these rights in order to achieve these goals. This brings about realization of the unique nature of the democratic political system whose bases are primarily on the trust between individual and society. Democracy is formed when there is a genuine connection among the welfare of the society and the benefit of the individual. The unified legal structure includes the society's interests and the human rights and determines the scope of human rights and allows for their limitation. These enquiries still need to be resolved that when is the state justified to restrict human rights and what is the genuine connection that should develop between the society's interest and human rights. No universally recognized response to this enquiry exists. Instead, there is a different answer to this question in every society, and it fluctuates every now and then. This situation is described by every society according to its own situation that is created by its distinctive problems, historical events, and the way it perceives itself. As a result, when the Holocaust and the atrocities of Nazis came into action during the post-World War II, dignity was considered as the most important element of German democracy; generally, human life, equivalence, and self-respect are the central standards followed by post South-Africans. In order to achieve its morals as a democratic state, UK battles for a true connection between public necessities and individual rights. Even though human rights are considered to be a dominant attribute in all democracies, but the degree of their centrality varies from one democracy to another. As a result, democratic societies disagree on the proper relationship between human rights' and society's interests and here is where the concept of proportionality comes into play.

To be Continued.....

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**Keywords:** Limitation Clause, Qualified Rights, State Reservations,  
Freedom of Speech

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## Relationships between Transfer of Technology, Human Resource Development, and Extension Agents' Work Performance among Cocoa Growers in Malaysia

**Salim Hassan<sup>1\*</sup>, Oluwatoyin Olagunju<sup>2</sup>, Mohd Yussof Abd Samad<sup>3</sup>, Ramle Kasin<sup>4</sup>**

<sup>1,2,3</sup> Universiti Putra Malaysia, Malaysia

<sup>4</sup>Malaysian Cocoa Board, Kota Kinabalu, Sabah

<sup>2</sup>Adekunle Ajasin University, Akungba-Akoko, Nigeria

### Abstract

The main goal of extension service is to transfer technology and human resource to their clients to enhance both extension agents' and clients' performance. This study determines the relationship between transfer of technology, human resource development, and extension agents' work performance among cocoa growers in Malaysia. The study used stratified sampling method to select 668 productive cocoa growers who are exposed to extension activities facilitated by the extension agents of Malaysian Cocoa Board in the three regions of Malaysia. The data were analyzed using descriptive statistics, correlation, and regression analysis. Significant and positive correlation ( $p < 0.05$ ) existed between each variable and work performance. Regression analysis results showed that transfer of technology (technical skill, technology delivery skill) and human resource development (leadership skill, decision-making support skill, and social skill) are significant ( $p < 0.05$ ). The Adj.R2 value of 0.598 implies that five predictors explain about 59.8% of the variation in extension agents' work performance. The highest contribution is attributed by decision-making support skill ( $\beta = 0.215$ ). Transfer of technology and human resource development contribute to performance of extension agents, but the contribution is higher in human resource development component. The study recommended training programmes for extension agents who will focus on technology transfer and human resource development skills, especially technology evaluation skill. Also, Malaysian Cocoa Board and other agricultural extension service agencies should focus more attention on delivering consistent technology and human resource development initiatives relevant to the need of farmers and the extension agents and focus on addressing identified skills and knowledge gaps for a continuous performance improvement in their work.

To be continued.....

To be continued.....

**Keywords:** Work Performance; Transfer of Technology; Human Resource Development; Extension Agents; Cocoa Growers

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## **TRACK C: ENGINEERING AND TECHNOLOGY STUDIES**





## Application of Dynamic Frequency-Pulse Automatic Control Systems in the Optical Fiber Exhaust

**Aitchanov Bekmurza Husainovich<sup>1</sup>, Tergeussizova Aliya Sovetzhanovna<sup>2\*</sup>, Toigozhinova Aynur Zhumakhanovna<sup>3</sup>**

<sup>1</sup> Suleyman Demirel University, Kazakhstan.

<sup>2</sup> Kazakh National University named after Al-Farabi, Kazakhstan

<sup>3</sup> Kazakh academy of transport and communications named after M.Tynyshpayev, Kazakhstan

### Abstract

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The article deals with the process of drawing the optical fiber as an object of automatic control. The control object is the zone of the optical fiber constriction; at the output of the object, a fiber of a given diameter is obtained. The fiber diameter is controlled by changing hood speed and furnace temperature of the sample melt. The control system of the constriction zone is constructed taking into account the trend of the sample diameter. The structure of the automated tower and the structural control scheme of the optical fiber extraction are given. Another important task is to increase the dynamic accuracy of regulation. Low dynamic accuracy of regulation is due to the inertia of the regulated object and the so-called "transport delay". The latter is determined by the time of the extracted glassware passage from the formation zone to the sensor determining the dimensions of the cross-section. As a result, self-oscillations may appear. To solve the problem of temperature control, the most promising is the use of dynamic frequency-pulse systems for automatic control of objects with delay. Control systems of this class are characterized by the presence of nonlinear transformations of signals, as well as the parametric feedbacks. The article gives information on Mathematical description of object's frequency-impulse control systems with delay.

**Keywords:** Dynamic Frequency-Pulse Modulator, Transport Delay, Stochastic Frequency-Pulse System with Delay, Extraction of Optical Fiber, Zone of Constriction, Hood Speed, Hood Tension, Diameter of Optical Fiber

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Abstract Proceeding Book  
DSSHR- October 19-20, 2018  
Istanbul, Turkey  
ISBN: 978-969-695-024-0

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## **TRACK C: HEALTH AND MEDICINE STUDIES**







## Virtual Reality Simulators' Effectiveness as an Additional Teaching Tool on Clinical Performance

**Narges Kasraie<sup>1\*</sup>, Noah Kasraie<sup>2</sup>**

<sup>1,2</sup> University of the Incarnate Word Rosenberg School of Optometry, Unoted States

### Abstract

The Dilated fundus examination is a key component of every comprehensive eye exam, typically performed by a skilled clinician using a hand-held condensing lens and a Binocular Indirect Ophthalmoscope (BIO) device. Adequate BIO skills are vital for diagnostic purposes and certain surgical procedures. Therefore, mastery of this skill often requires extensive training, and an investment of many hours practicing on real human eyes. Virtual Reality simulators, like the Eyesi Indirect ophthalmoscope by VRmagic, may promote the development of this clinical skill. The purpose of this retrospective quantitative analysis was to investigate whether Eyesi Indirect Ophthalmoscope simulators did serve as an effective additional teaching aid, helping to improve clinical performance among a group of interns in a private optometry school in Texas. In this study, the clinical BIO performance of two groups of student doctor interns was compared using a BIO assessment. First group (n=58) practiced this skill using the traditional real-patient practice method, whereas the second group of interns (n= 66) utilized Eyesi BIO simulators in addition to the traditional method. The comparison consists of analytical and distributional. The statistical analysis uses a z-test, while the distributional displays graphically the histogram of their point average grades. The findings indicate that there is a statistically significant difference between the performance of the group that utilized the BIO simulators in addition to the traditional method. Therefore, the study prevails that BIO simulators can serve as an effective additional teaching tool to help improve students' clinical performance. The result of a one-sided right z-test indicates that the second groups' performance ( $\mu_2$ ) is better than the first group ( $\mu_1$ ). [  $P = 0.3264$ , which is greater than 0.05, and the z Stat = 0.45589, which is less than the z Critical one-tail = 1.65, shows evidence that accepts the null  $H_0: \mu_1 \leq \mu_2$ , and rejects the alternative, which is  $H_A: \mu_1 > \mu_2$ ].

**Keywords:** Virtual Reality Simulators, Clinical Performance,

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## Correlation of Bone Mineral Density Measured in Quantitative Computed Tomography with Hounsfield Unit

**R Lalruatfela<sup>1</sup>, Rahul P Kotian<sup>2\*</sup>, Nitika C Panakkal<sup>3</sup>**

School of Allied Health Sciences, MAHE, Manipal, India

### Abstract

Bone mineral density scan (BMD) is a simple, non-invasive procedure used to assess the strength of the bones by measuring the composition of minerals, mainly calcium, in the bones. In this study, BMD was measured using Quantitative Computed Tomography (QCT) and Hounsfield unit (HU) in lumbar spine and the values were correlated. 240 participants referred for CT Abdomen and CT Lumbar spine were scanned using 64 slice Brilliance CT. Using BMD software, three different vertebral bodies from L1-L3 were taken and ROI was placed at the central portion of the trabecular bone; two references ROI, one in retro spinal muscle and one in fat tissue, were also placed. To measure CT attenuation value, an ROI graphic tool was drawn at the trabecular bone. Average of BMD in QCT and HU value were taken from L1-L3. Pearson Correlation Coefficient was used to correlate QCT and HU values. The mean BMD for 21-40 age group was found to be 156.3 and 228.0 for QCT and HU, respectively. Similarly, the mean BMD for 41-60 and 61-80 age group was found to be 125.5, 173.6, and 109.1, 140.4 for QCT and HU, respectively. The results showed a strong positive correlation between QCT and HU BMD ( $r = 0.94$ ) with a  $p$  value less than 0.001. In our present study, 64.53% ( $n=155$ ) were found to have normal BMD based on WHO diagnostic category for spine BMD in QCT. Whereas 24.58% were found to have a low bone mass (osteopenia) and 10.83% were found to have osteoporosis. The equivalent mean HU was found to be  $211.98 \pm 31.06$ ,  $139.64 \pm 18.58$ ,  $87.22 \pm 15.92$  for normal, osteopenia, and osteoporosis, respectively. The study shows a strong correlation between QCT, BMD, and HU. Therefore, CT attenuation technique can also be used to derive bone mineral density values from routine abdomen and lumbar spine MDCT for osteoporosis screening with no additional cost to the patient.

**Keywords:** BMD, QCT, HU, CT NO

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## **FUTURE EVENTS**

## 2<sup>nd</sup> INTERNATIONAL CONFERENCE ON

“Social and Management Sciences; Theoretical and Practical Approaches (SMSTPA-2018)”



**Date:** December 15-16, 2018

**Venue:** Hotel Grand Pacific Singapore

**Submission Email:** [smstpa@gissf.com](mailto:smstpa@gissf.com)

**Abstract Submission Date:** November 20, 2018

**Full Paper Submission Date:** November 25, 2018

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

### **Conference Main Tracks**

- Social and Community Studies
- Arts
- Humanities
- Civic and Political Studies
- Cultural & Global Studies
- Environmental Studies
- Organizational Studies
- Educational and Communication Studies
- Economics, Finance & Accounting
- Business and Management Studies

For more details visit <http://gissf.com/>

## **2<sup>nd</sup> INTERNATIONAL CONFERENCE ON**

**“Advancements in Social, Business and Management  
Sciences Research (ASBMSR-2018)”**



**Date:** February 26-27, 2019

**Venue:** TKP Tokyo Ekimae Conference Center, Tokyo, Japan

**Submission Email:** [asbmsr@gissf.com](mailto:asbmsr@gissf.com)

**Abstract Submission Date:** January 10, 2019

**Full Paper Submission Date:** January 15, 2019

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

### **Conference Main Tracks**

- Social and Community Studies
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- Cultural & Global Studies
- Environmental Studies
- Organizational Studies
- Educational and Communication Studies
- Economics, Finance & Accounting
- Business and Management Studies

For more details visit <http://gissf.com/>



## 2<sup>nd</sup> INTERNATIONAL CONFERENCE ON

“Global Issues in Social Sciences, Psychology and Business Management(GISSPBM-2019)”



**Date:** March 23-24, 2019

**Venue:** Rydges Camperdown, Sydney Australia

**Submission Email:** [gisspbm@gissf.com](mailto:gisspbm@gissf.com)

**Abstract Submission Date:** February 25, 2019

**Full Paper Submission Date:** March 05, 2019

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

### **Conference Main Tracks**

- Social and Community Studies
- Arts
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- Organizational Studies
- Educational and Communication Studies
- Economics, Finance & Accounting
- Business and Management Studies

For more details visit <http://gissf.com/>

## 2<sup>nd</sup> INTERNATIONAL CONFERENCE ON

“Sustainable Development in Information Technology,  
Business and Social Sciences (SDITBSS-2019)



**Date:** April 05-06, 2019

**Venue:** Grand View Hotel, Hong Kong

**Submission Email:** [sditbss@gissf.com](mailto:sditbss@gissf.com)

**Abstract Submission Date:** March 15, 2019

**Full Paper Submission Date:** March 20, 2019

**Selected conference papers will be published in special  
/regular issue of ISI/Scopus indexed journals associated  
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### Conference Main Tracks

- Social and Community Studies
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- Environmental Studies
- Organizational Studies
- Educational and Communication Studies
- Economics, Finance & Accounting
- Business and Management Studies

For more details visit <http://gissf.com/>

## 2<sup>nd</sup> INTERNATIONAL CONFERENCE ON

“Dynamics of Management and Economic Research  
(DMER-2019)”



**Date:** April 20-21, 2019

**Venue:** Novotel Barcelona Sant Joan Despi, Spain

**Submission Email:** [dmer@gissf.com](mailto:dmer@gissf.com)

**Abstract Submission Date:** April 05, 2019

**Full Paper Submission Date:** April 12, 2019

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

### **Conference Main Tracks**

- Social and Community Studies
- Arts
- Humanities
- Civic and Political Studies
- Cultural & Global Studies
- Environmental Studies
- Organizational Studies
- Educational and Communication Studies
- Economics, Finance & Accounting
- Business and Management Studies

For more details visit <http://gissf.com/>

## **2<sup>nd</sup> INTERNATIONAL CONFERENCE ON**

**“ Law, Business, Education and Social Sciences  
(LBESS-2019)”**



**Date:** May 11-12, 2019

**Venue:** Hilton London Heathrow Airport Terminal 5 ,  
London United Kingdom

**Submission Email:** [lbess@gissf.com](mailto:lbess@gissf.com)

**Abstract Submission Date:** April 15, 2019

**Full Paper Submission Date:** April 20, 2019

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

### **Conference Main Tracks**

- Social and Community Studies
- Arts
- Humanities
- Civic and Political Studies
- Cultural & Global Studies
- Environmental Studies
- Organizational Studies
- Educational and Communication Studies
- Economics, Finance & Accounting
- Business and Management Studies

For more details visit <http://gissf.com/>

## **2<sup>nd</sup> INTERNATIONAL CONFERENCE ON**

**“Emerging Issues in Economics , Social Sciences and  
Business Management (EIESSBM-2019)”**



**Date:** June 25-26, 2019

**Venue:** The Federal Kuala Lumpur Malaysia

**Submission Email:** [eiessbm@gissf.com](mailto:eiessbm@gissf.com)

**Abstract Submission Date:** May 30, 2019

**Full Paper Submission Date:** June 05, 2019

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

### **Conference Main Tracks**

- Social and Community Studies
- Arts
- Humanities
- Civic and Political Studies
- Cultural & Global Studies
- Environmental Studies
- Organizational Studies
- Educational and Communication Studies
- Economics, Finance & Accounting
- Business and Management Studies

For more details visit <http://gissf.com/>

### **3<sup>rd</sup> INTERNATIONAL CONFERENCE ON**

**“Academic Research in Social Sciences and Humanities  
(ARSSH-2019)”**



**Date:** August 24-25, 2019

**Venue:** The Federal Kuala Lumpur Malaysia

**Submission Email:** [arssh@gissf.com](mailto:arssh@gissf.com)

**Abstract Submission Date:** August 10, 2019

**Full Paper Submission Date:** August 15, 2019

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

#### **Conference Main Tracks**

- Social and Community Studies
- Arts
- Humanities
- Civic and Political Studies
- Cultural & Global Studies
- Environmental Studies
- Organizational Studies
- Educational and Communication Studies
- Economics, Finance & Accounting
- Business and Management Studies

For more details visit <http://gissf.com/>

**3<sup>rd</sup> INTERNATIONAL CONFERENCE ON**  
**“Challenges in Social Science Reserach (CSSR-2019)”**



**Date:** September 27-28, 2019

**Venue:** Holiday Inn Bangkok Silom, Bangkok Thailand

**Submission Email:** [cssr@gissf.com](mailto:cssr@gissf.com)

**Abstract Submission Date:** September 05, 2019

**Full Paper Submission Date:** September 10, 2019

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

**Conference Main Tracks**

- Social and Community Studies
- Arts
- Humanities
- Civic and Political Studies
- Cultural & Global Studies
- Environmental Studies
- Organizational Studies
- Educational and Communication Studies
- Economics, Finance & Accounting
- Business and Management Studies

For more details visit <http://gissf.com/>

## 2<sup>nd</sup> INTERNATIONAL CONFERENCE ON

“Innovation in Global Buisness, Social Sciences and  
Economics (IGBSSE-2019)”



**Date:** October 05-06, 2019

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

**Submission Email:** [igbsse@gissf.com](mailto:igbsse@gissf.com)

**Abstract Submission Date:** September 20, 2019

**Full Paper Submission Date:** September 25, 2019

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

### **Conference Main Tracks**

- Social and Community Studies
- Arts
- Humanities
- Civic and Political Studies
- Cultural & Global Studies
- Environmental Studies
- Organizational Studies
- Educational and Communication Studies
- Economics, Finance & Accounting
- Business and Management Studies



# CSR



Environment



Public Health



Growth and  
Development



Sustainability



Charities

# CSR

## **CSR Activity Conducted By GI Social Sciences Forum: Sport Activation for Children against Negative Impact of Internet & Technology**

In April 2016, GI Social Sciences Forum conducted Corporate Social Responsibility program together with Maestro and the Clover as Sport Facility Provider in Bandung, initiating an event with theme:



### **The Objectives of this event were:**

1. Media of education for parents and children to be aware of 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 internet
3. Social activity and charity engaging orphans to enjoy sports activities together with their friends
4. Corporate Social Responsibility of Company to contribute to the society, especially to solve one of the social problems in Bandung.

**Highlights of CSR Activities are given below:**



## **GI Social Sciences Forum Malaysia Team conducted its Latest CSR activity at Rumah Charis, Kuala Lumpur, Malaysia Children Home**

GI Social Sciences Forum 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 counselling 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 GI Social Sciences Forum.



## **GI Social Sciences Forum Indonesian Team conducted its Latest CSR activity in Ramadan for Local Community Welfare, Sharing Happiness and developing Orphan Children**

GI Social Sciences Forum 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). GI Social Sciences forum Indonesian team spent time with children and conducted different activities for their moral self-development.

Highlights of this activity are given below:









# **GISSE**

GI Social Sciences Forum

## **Vision**

Researching and developing to promote innovation

## **Mission**

Our mission is to persistently nurture the values to promote the institutional and academic development through quality research contributions.

## **Core Values**

Capacity building, learning of new insights and innovation.

# **2nd International Conference on Dynamics of Social Sciences and Humanities Research (DSSHR-2018)**



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