

MI-BEST

Manila Philippine

2nd International Conference On
MULTIDISCIPLINARY INNOVATION IN BUSINESS
ENGINEERING SCIENCE & TECHNOLOGY

FEBRUARY 23-24, 2016

Organized by:



GLOBAL ILLUMINATORS

www.globalilluminators.org Researching and Developing for Humanity

2nd International Conference on Multidisciplinary Innovation In Business
Engineering Science & Technology (MI-BEST-February, 23-24, 2016)
MI-BEST © 2016 Manila, Philippines.
Global Illuminators, Kuala Lumpur, Malaysia.



CONFERENCE PROCEEDINGS

BOOK OF ABSTRACTS MI-BSET-2016

**“MULTIDISCIPLINARY INNOVATION IN BUSINESS
ENGINEERING SCIENCE & TECHNOLOGY”
(MI-BEST – 2016) Manila, Philippines**

2nd International Conference on Multidisciplinary Innovation In Business
Engineering Science & Technology (MI-BEST-February, 23-24, 2016)
MI-BEST © 2016 Manila, Philippines.
Global Illuminators, Kuala Lumpur, Malaysia.

Book of Abstracts Proceedings

**“MULTIDISCIPLINARY INNOVATION IN BUSINESS
ENGINEERING SCIENCE & TECHNOLOGY”
(MI-BEST – 2016) Manila, Philippines.**

Editor:

Dr Ahmad Saddam Ph.D
Country Director, Global Illuminators, Iraq

Global Illuminators, 18, Jalan Kenanga SD 9/7 Bandar Sri
Damansara, 52200 Kuala Lumpur Malaysia
Contact: (+60) 362755388
E-mail: info@globalilluminators.org
© MI-BEST-2016

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written permission of the publisher. Applications for the copyright holder's written permission to produce any part of this publication should be addressed to the publisher.

Proceedings of the International Conference on

**“MULTIDISCIPLINARY INNOVATION IN BUSINESS
ENGINEERING SCIENCE & TECHNOLOGY”
(MI-BEST – 2016)**

ISBN: 978-969-9948-48-0

Disclaimer

Every reasonable effort has been made to ensure that the material in this book is true, correct, complete, and appropriate at the time of writing. Nevertheless the publishers, the editors, and the authors do not accept responsibility for any omission or error, or for any injury, damage, lose, or financial consequences arising from the use of the book. The views expressed by the contributors do not necessarily reflect those of the Global Illuminators.

TABLE OF CONTENTS

SCIENTIFIC REVIEW COMMITTEE.....	VI
ORGANIZING COMMITTEE.....	XVII
CONFERENCE PROGRAM.....	XXIII
TRACK A: BUSINESS MANAGEMENT & ECONOMIC STUDIES 29	
1. PREFERENCES OF THE TARGET MARKETS FOR MARKETING COMMUNICATION MEDIA, TOOLS AND PLATFORMS: BASES FOR ENHANCING THE CEU’S MARKETING PLAN	30
2. AN INTEGRATED MODEL FOR DETERMINING BUSINESS INTELLIGENCE SYSTEMS ADOPTION AND POST-ADOPTION BENEFITS IN BANKING SECTOR.....	31
3. BEYOND THE CHAEBOLS: MODERN CASE STUDIES OF SUCCESSFUL KOREAN ENTREPRENEURSHIP.....	32
4. EXPLORING EMPLOYEE INFORMAL PARTICIPATION IN OCCUPATIONAL SAFETY AND HEALTH MANAGEMENT IN THE MANUFACTURING INDUSTRY IN GHANA	33
TRACK B: SOCIAL SCIENCES AND HUMANITIES	34
5. ACCOMPLISHMENTS IN PREVENTING CRIME OF POLICE OFFICERS IN CALAPAN CITY, ORIENTAL MINDORO, PHILIPPINES	35
6. HYDROPONIC SYSTEM AS CLIMATE-SMART FARMING TECHNIQUE FOR VEGETABLE CROP PRODUCTION.....	36
TRACK C: ENGINEERING & TECHNOLOGY STUDIES	37
7. AUTOMATION OF EXISTING MOTOR CONTROLLER OF WATER PUMP STATION IN WESTERN PHILIPPINES UNIVERSITY, ABORLAN, PALAWAN	38
8. “A STUDY ON FANPAGE INTERACTIVE CONTENTS”	39
9. PROBABILISTIC RISK ASSESSMENT OF ANCHOR SYSTEM USED IN SOUTH KOREA UNDER WIND DISASTER.....	40
10. FORMATION TRACKING BY PI SMC FOR MULTIPLE QUADROTORS	41

TRACK D: PHYSICAL LIFE AND APPLIED SCIENCES	42
11. FISHERY AND BIOLOGY OF FISHES CAUGHT BY BOTTOM SET GILL NET FISHERMEN IN GAANG, CURRIMAO, ILOCOS NORTE, PHILIPPINES	43
TRACK E: HEALTH AND MEDICINE STUDIES.....	44
12. ANALYZING THE EFFECT OF GREEN TEA LEAF TREATMENT FOR HAND CONTRACTURE.....	45
13. THE STUDY ON THE RELATIONSHIP BETWEEN THE METABOLIC SYNDROME & STROKE	46
14. POSITIVE IMPACT OF THE 2004 TSUNAMI ON COOPERATIVE DEVELOPMENT IN ACEH PROVINCE, INDONESIA: AN ETHNOGRAHIC ANALYSIS	47
FUTURE EVENTS	48

**INTERNATIONAL
SCIENTIFIC REVIEW COMMITTEE
MI-BEST-2016**

**BUSINESS, MANAGEMENT AND ECONOMICS
STUDIES**

Palti Marulitua Sitorus (PhD)

*Chair of Scientific & Review Committee
Telkom University Indonesia*

Mej Mohd Noor Azli bin Hj. Ali Khan (PhD)

University Technology Malaysia.

Prof. Ravindran Ramasamy (PhD)

*Graduate School of Business,
UniRazaK, Kuala Lumpur, Malaysia*

Prof. Madya Raja Roslan Raja Abd. Rahman (PhD)

*Human Resource Development/Management,
University Technical Malaysia Melaka,*

Ludmila Mládková (PhD)

*Faculty of Business Administration, Department of Management
University of Economics Prague,*

Mohd Norfian Alifiah

*Faculty of Management,
Department of Accounting and Finance,
Universiti Teknologi Malaysia, Malaysia*

Ahmed Saddam (PhD)

*Country Director- Iraq
Global Illuminators*

Mohammad Hamad Khalef AlKhreshah (PhD)

*Country Director-Jordan
Global Illuminators*

Christophe Schinckus (PhD)

*School of Management
Ken Edwards Building
University of Leicester*

Dr. Suresh B.Ghose (PhD)

*VatarMeherbaba College,
Rtm Nagpur University, Nagpur, India*

Tahir Masood Qureshi (PhD)

*College of Business Administration
American University in the Emirates, UAE*

Ghulam Rasul Awan (PhD)

UCP Business School, UCP Lahore Pakistan

Lau Wee Yeap (PhD)

*Faculty of Economics & Administration,
University of Malaya, Kuala Lumpur, Malaysia*

Vignes Gopal

*Faculty of Economics and Administration
University of Malaya*

J. A. Arul Chellakumar (PhD)

*Head Department of Economics
Bharathidasan University
Tiruchirappalli, Tamilnadu, India*

Girish Karunakaran Nair (PhD)

*Programme Leader
International Hospitality Management Faculty
Stenden University, Qatar*

Galla Venkata Rama Krishna Acharyulu (PhD)

*School of Management Studies,
University of Hyderabad, India.*

Santi Rahmawati

*School of Business and Management,
Institut Teknologi Bandung*

Amir Hossein Dastaviz (PhD)

*Institute of Graduate Studies,
University Of Malay, Kuala Lumpur, Malaysia*

Syed Ahmed Salman

*International Islamic University
Malaysia, Gombak, Selangor, Malaysia*

Dr. Wurim Ben Pam (PhD)

*Federal University, Dutsin-ma,
Katsina State- Nigeria*

Wang, Yu-Mei

Asia University, Taiwan

Aglis Andhita Hatmawan

STIE Dharma Iswara Madiun, Indonesia

Hasnun Anip Bin Bustaman

University Teknologi MARA Malaysia

Bertin Chen

Vanung University, Taiwan

Susan Irawan Rifai

Centro Escolar University, Philippine

Jihoon Kim

Ehime University, Korea, South

Chien-Tu Jeff Lai

National Chengchi University, Taiwan

Haykel Hadjs Alem

LEM, University Of Lille FRANCE,

Prof. Dr. Tarek Taha Ahmed

*Faculty of Business,
Pharos University in Alexandria, Egypt*

Samar J. Al-Barghouthi

Royal University for Women, Bahrain

Deus Ngaruko

*Centre for Economics and Community Economic Development,
the Open University of Tanzania*

Mohammad Ehsani

*Tarbiat Modares University,
Israel, Imam Khomeini International University, Iran*

Ismail BİLGİÇLİ

Sakarya University Karasu MYO, Turkey

Tack Hyun Shin

*Seoul National University of Science and Technology, Korea,
South*

Sun-Young Nam

*Department of Pharmacology, College of Korean Medicine,
Kyung Hee University, Seoul, 130-701, Republic of Korea*

Vicent Stanslaus

The Open University Of Tanzania

Partha Ray

*Indian Institute of Management Calcutta, Institute of
Management Technology, Ghaziabad, India*

SOCIAL SCIENCE AND HUMANITIES

Sailesh Sharma (PhD)

*Deputy Vice Chancellor (Academic & International)
University of Malaya, Kuala Lumpur, Malaysia*

Siamak Khodarahimi (PhD)

*Islamic Azad University,
Fars Province, Iran*

Rex Balena (PhD)

*Oceanographer and Education Specialist
University of the Philippines in the Visayas*

Dr. A B Sharangi

*HOD, Research Scholar,
Agricultural University*

Jayson E. Lannu

Jose Rizal University, Philippines

Amandha Boy Timor Randita

*Faculty of Medicine,
Sebelas Maret University, Indonesia*

Gogoberidze George

Russian State Hydrometeorological University (RSHU), Russia

Krittawaya Thongkoo

Chiang Mai University, Thailand

Tzu-yi Lee

Chung Yuan Christian University, Taiwan

Renan Limjuco (PhD)

*University of the Immaculate Conception
Davao City, Philippines*

Kankan Kasmana

*Departemen Visual Communication Design-Indonesia Computer
University, Indonesia*

Monique Musni- Tagaytay, MA. Ed

University of the Immaculate Conception Philippine, Philippine

Naidu Narainsamy

*Department of Psychology of Education, University of South Africa
(UNISA), College of Education, South Africa*

Sultanbayeva Gulmira

Al-Farabi Kazakh National University Kazakhstan

Emilio A. Cruz

*Bulacan State University, Malolos City, Bulacan
Philippines*

Si, Li

Wuhan University, China

Dr. Nessreen A. Elmelegy

Royal University for Women, Kingdom Of Bahrain, Bahrain

Dr. Shusil Kumar Das

Daffodil International University, Dhaka, Bangladesh

Dr. Rovelina B. Jacolbia

Polytechnic University of the Philippines

Sathiamoorthy Kannan

Institute of Educational Leadership, University of Malaysia

Dr. Isabella Musyoka-Kamere

Maasai Mara University, Kenyatta University Kenya

Hadi Ebadi

Universiti Teknologi Malaysia 2. Razi University, Iran

Dr. Shusil Kumar Das

Daffodil International University, Dhaka, Bangladesh

Botabaeva Ademi Erkebaevna

*Eurasian National University named after L.N. Gumilyov,
Kazakhstan*

Girma Y. I. Menelik

*Penza State University Russia, K. Satbaev Kazakh National
Technical University Kazakhstan*

I-Ju Chen

Ling Tung University, Taiwan

Wen, Yvonne, Ying-Ya

National Formosa University, Taiwan

PHYSICAL LIFE AND APPLIED SCIENCES

Yan LI (PhD)

Nanyang Technological University, Singapore

Md. Saleh Ahmed (PhD)

*Department of Mathematics & Statistics
Sultan Qaboos University, Muscat, Oman*

Saon Banerjee (PhD)

*OIC, AICRP on Agrometeorology,
State Agricultural University*

Mohd Nizam Omar

Universiti Utara Malaysia, 06010 UUM Sintok, Kedah, Malaysia

Amina Bakhrouf

*Laboratory of Analysis, Treatment and Valorisation of
Environment Pollutants and Products, Monastir, Tunisia*

Shatrova, Olga

Russian State Hydrometeorological University (RSHU), Russia

ENGINEERING AND TECHNOLOGY STUDIES

Nurul Akmar Binti Emran (PhD)

*Faculty of Information Communication Technology
Universiti Teknikal Malaysia Melaka*

Chee-Ming Chan (PhD)

*Civil and Environmental Engineering
Universiti Tun Hussein Onn, Malaysia*

Zhaparov Meirambek Kazimovich (PhD)

*Head of Micro learning Research Centre
Suleyman Demirel University, Kazakhstan*

Noor Zaman (PhD)

*College of Computer Science and IT,
King Faisal University, Saudi Arabia*

Kelly Whealan George (PhD)

Embry-Riddle Aeronautical University (ERAU), USA

Prof. Dr. Hj. Dwi Kartini , SE. Spec. Lic (PhD)

*University of Computer Indonesia (Unikom)
Bandung Indonesia*

Valeria Ersilia Oniga (PhD)

*Department of Terrestrial Measurements and Cadastre
Technical University “Gh.Asachi” from Iasi
Romania*

Prof. Dr. Hj. Dwi Kartini , SE. Spec. Lic (PhD)

*University of Computer Indonesia (Unikom)
Bandung Indonesia*

Mira Rahayu

Telkom University Indonesia, Indonesia

Ony Widilestariningtyas

Universitas Komputer Indonesia, Indonesia

Yully Ambarsih Ekawardhani

UNIKOM, Institut Teknologi Bandung, Indonesia

Emel Zeray

Selcuk University Geomatics Department, Turkey

Nedjah

*Preparatory School of Sciences and Technology (EPST Annaba),
Algeria*

Tashenova

L. N. Gumilyov Eurasian National University, Kazakhstan

Farah Jemili

*Department of Computer Sciences, High Institute of Computer
and Communication Techniques, Sousse University, Tunisia*

Nahid Sanzida

*Bangladesh University of Engineering and Technology (BUET)
Bangladesh*

HEALTH AND MEDICINE STUDIES

Balachandar S. Sayapathi (PhD)

Faculty of Medicine, University of Malaya

Ahmed Kaid Naji Allow (PhD)

*Head of Dept. of Human Physiology
College of Medicine and Health Sciences
Sana'a University, R. Yemen*

Prof. Dr. drg. Andi Zulkifli, M.Kes

*Faculty of Public Health Hasanuddin University,
Makassar, Indonesia*

Fauzie Rahman

*Head of Health Policy Management Department at School of Public
Health, Faculty of Medicine, Lambung Mangkurat University,
Indonesia*

Helia Rahbari

*Faculty of Paramedical Sciences at Shahid Beheshti University of
Medical Sciences, Iran*

Dr Narjis Rizvi

Aga Khan University, stadium road – Karachi – Pakistan

Dr. Elvira Urgel(PhD)

Centro Escolar University, china

Maria Bea Lao

*Medical Technology/Medical Laboratory Science University of the
Immaculate Conception Philippine*

Nima Kasraie

Children's Mercy Hospital United State

Haseen Fariha

Bangabandhu Sheikh Mujib Medical University, Bangladesh

Der-Hsiang Huang

*Graduate Institute of Professional Development in Education, Da-
Yeh University, Taiwan*

kazushi Okamoto

Aichi Prefectural University japan

Abolhassani Shahla

Shahrekord University of Medical Sciences, Shahrekord, Iran

Dr. Umme Kulsum Rima

*Hajee Mohammad Danesh Science & Technology University
Dinajpur, Bangladesh*

Mohammad A. H. Khan

Faculty of Veterinary Science, Bangladesh Agricultural University

Enayatollah Kalantar

*Dietary supplements and Probiotic Research Center and
Department of Microbiology and Immunology, School of Medicine,
Alborz University of Medical Sciences, Karaj, Iran*

Cahit Canbay

Yeditepe University, Turkey

Rahbari, Helia

*Faculty of Paramedical Sciences at Shahid Beheshti University of
Medical Sciences, Tehran, Iran*

Cheng-Chi Chang

*Graduated Institute of Oral Biology, National Taiwan University,
Taipei, Taiwan*

Bodin Oleg N

Ling Tung University Taiwan

Zahra Godarzi

Tehran University of Medical Sciences Iran

Zhou Rui-Hua

*School of Public Health, North China University Of Science And
Technology*

**MULTIDISCIPLINARY INNOVATION IN BUSINESS
ENGINEERING SCIENCE & TECHNOLOGY, Manila,
Philippines**

(MI-BEST-2016)

Venue: Century Park Hotel Manila Philippine

ORGANIZING COMMITTEE

Felicia Chong Hui Ling (PhD)

Country Director Malaysia
Head of Organising Committee
Global Illuminators

felicia@globalilluminators.org

Farooq Ahmed Jam (PhD)

Conference Chair
Executive Director, Global Illuminators
conference.chair2016@globalilluminators.org

jam@globalillunminators.org

Tariq Iqbal Khan (PhD)

Conference Co- Chair
Director-Global Operations, Global Illuminators

khan@globalillunminators.org

Hendrati Dwi Mulyaningsih

Conference Coordinator
Country Director Indonesia
Email: hendrati.dwi@gmail.com

Najm us Sahar

Manager Research & Coordination
Global Illuminators

sahar@globalilluminators.org

On Chee Hoong

Assistance Manager Training & Development
Globalilluminators

Email: wilson@globalilluminators.org

Silvia C. Ambag, Dem, Friedr

PUP Research Coordinator

Email: via_sc@yahoo.com

Dr. Rovelina B. Jacolbia DEM, Friedr

Conference Coordinator

Email: rovelinajacolbia@yahoo.com

Conference Chair Message



Farooq Ahmed Jam (PhD)

International Conference on “Multidisciplinary Innovation in business Engineering Science & Technology” (MI-BEST-2016) serves as 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 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 interact with other renowned scholars for possible future collaborations.

I am really thankful to our honourable 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 key note 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 back 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 for betterment of society and welfare of humanity to bring prosperity, peace and harmony in this world. Stay blessed.

Thank you

Farooq Ahmed Jam (PhD)

Conference Chair MI-BEST-2016

Executive Director

Global Illuminators

conference.chair2015@globalilluminators.org

jam@globalillunminators.org



DR. DANILO B. SOLAYAO

Dr. Danilo B. Solayao has a master's degree in Business Administration (MBA) in a premiere graduate school of business in Southern Luzon, Philippines. He is a licensed professional teacher who holds a doctorate degree in educational management, and a master's degree in Public Administration.

Dr. Solayao is a distinguished educator who has been conferred numerous awards and citations from various academic and business organizations. One of the Outstanding Alumni of his alma mater, the GMA Technical High School, he has been into the advocacy of educating the Filipino youth.

Dr. Solayao is an academic and management consultant to a gamut of basic as well as higher education institutions in the Philippines. He rose from the ranks of a public school teacher, an English Department Head, a University Research Director, a College Dean, a Vice President for Academic Affairs, and ultimately the President of Philippine International College.

Recently, Dr. Solayao is elected as Vice President for Luzon of the Philippine Council of Deans and Educators for Business (PCDEB) for 2016–2018. In addition, he sits in the Board of the Philippine Association for Teacher Education (PAFTE)–National Capital Region (NCR) as its Public Relations Officer (PRO) for 2016–2018. Likewise, he is an Education Committee member of the Philippine Chamber of Commerce and Industry (PCCI).

Currently, Dr. Solayao is the Dean of the College of Teacher Education of the Pamantasan ng Lungsod ng Muntinlupa (University of the City of Muntinlupa). Moreover, he teaches professional education courses in the same university, and a Special Lecturer of professional education and business courses at the Polytechnic University of the Philippines. He, likewise, is a certified professional education Reviewer-Lecturer to various Review Centers in the Philippines.

CONFERENCE PROGRAM

DAY 01 Tuesday (February 23, 2016)

Welcome Reception & Registration

8:15 am – 9:00 am

Opening Ceremony (09:00am – 10:30 am)

Venue: Room 1

09:00 am – 9:15 am	Welcome Remarks – Dr. Rovelina B. Jacolbia
09:15 am – 9:25 am	Opening Speech – Ms Chong Hui Ling - Country Director Malaysia Head Of Organising Committee
09:25 am – 9:45am	Keynote Speech- Dr. Danilo B. Solayao Dean-University of the City of Muntinlupa
09:45 am - 10:30 am	Group Photo & Award Ceremony

Grand Networking Session and Tea Break (10:30 am – 11:00 am)

DAY 01 Tuesday (February 23, 2016)

Session 1 (11:00 am – 1:00 pm)

Venue: Room 1

Session Chairs: Mohmad Yazam Sharif & Rovelina B. Jacolbia

Track B: Business, Management, Economics & Social Sciences

MIBEST-16-116	Accomplishments in Preventing Crime of Police Officers in Calapan City, Oriental Mindoro, Philippines	Bernadeth P. de Guzman,
MIBEST-16-121	Preferences of the Target Markets for Marketing Communication Media, Tools and Platforms: Bases for Enhancing the CEU's Marketing Plan	Ma. Eleanor C. Espinas
MIBEST-16-134	Hydroponic System as Climate-Smart Farming Technique for Vegetable Crop Production	Chito F. Sace
MIBEST-16-138	An Integrated Model for Determining Business Intelligence Systems Adoption And Post-Adoption Benefits In Banking Sector.	Owusu, Acheampong
MIBEST-16-144	Beyond the Chaebols: Modern Case Studies of Successful Korean Entrepreneurship	Kweku O. Amonoo
MIBEST-16-151	Exploring Employee Informal Participation In Occupational Safety and Health Management in the Manufacturing Industry in Ghana	Baku, Anita Asiwome Adzo

Lunch Break (1:00 pm – 2:00 pm)

DAY 01 Tuesday (February 23, 2016)
Panel Discussion Session (2:00 am – 3:00 pm)

Panel Discussion on

“Challenges and New trends in Multidisciplinary Innovation Research”

Panellists	Ms Chong Hui Ling
	Dr. Rovelina B. Jacolbia
Participants	All Participants

DAY 01 Tuesday (February 23, 2016)

Session 2 (3:00 am – 4:00 pm)

Venue: Room 1

Session Chairs: Facundo B. Asia & Christopher C. Mira

Track C: Engineering & Technology Studies

MIBEST-16-106	Automation of Existing Motor Controller of Water Pump Station in Western Philippines University, Aborlan, Palawan	Romel B. Panis
MIBEST-16-122	SNS Metrics Analysis“ A study on Fanpage Interactive contents”	Dr. Sedigheh Moghavvemi & Zoha Rahman
MI-BEST-16-124	Probabilistic Risk Assessment of Anchor System Used in South Korea Under Wind Disaster	Viriyavudh Sim
MIBEST-16-135	Formation Tracking By PI SMC for Multiple Quadrotors	Kyunghan Chun

Tea Break (4:00 pm – 4:15 pm)

DAY 01 Tuesday (February 23, 2016)

Session 3 (4:15 pm – 5:15 pm)

Venue: Room 1

Session Chairs: Sedigheh Moghavvemi & Marilyn ISIP

Track: Health, Medicine, Physical and Applied Sciences

MIBEST-16-110	Fishery and Biology of Fishes Caught By Bottom Set Gill Net Fishermen in Gaang, Currimao, Ilocos Norte, Philippines	Facundo B. Asia
MIBEST-16-120	Analyzing the Effect of Green Tea Leaf Treatment for Hand Contracture	Hashimoto Akihiro
MIBEST-16-129	The Study on the Relationship Between the Metabolic Syndrome & Stroke	Sun-Hee Kang
MI-BEST-16-159	Positive Impact of the 2004 Tsunami on Cooperative Development in Aceh Province, Indonesia: An Ethnographic Analysis	Mohmad Yazam Sharif

Closing Ceremony: 5:15pm to 5:45pm

DAY 02 Wednesday, (February 24, 2016)

“CITY TOUR”

Gathering of Participants at the Lobby of Century Park Hotel, Manila
Philippines
at 2:00 pm

Departure: 2:30 pm for City Tour

Drop Back at Century Park Hotel, Manila Philippines at 9:00 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



Global Illuminators

Abstract Proceeding Book
MI-BEST- February 23-24, 2016
Manila, Philippines
ISBN: 978-969-9948-48-0

**TRACK A: BUSINESS MANAGEMENT &
ECONOMIC STUDIES**



Preferences of the Target Markets for Marketing Communication Media, Tools and Platforms: Bases for Enhancing the CEU's Marketing Plan

Ma. Eleanor C. Espinas^{1*}, Dr. Amelita M. Borlongan²

Centro Escolar University, Philippines

Abstract

The prime purpose of the research was to study the preferred communication media, tools and platforms of the primary and secondary markets of Centro Escolar University as critical bases to enhance the University marketing communications plan. Specifically, the study determined the preferences of high school students, the primary market and high school officials and parents or guardians, the secondary market, in terms of advertising, personal selling, sales promotion and public relations activities; described the differences in the marketing communication preferences considering the gender, age, civil status, educational attainment and income of the target market; and identified problems experienced in the use of varied communication channels and tools in terms of message, visual execution, and choice, frequency and reach of advertisements to be able to put forward critical bases to enhance the University marketing communications plan. Percentage and ranking, weighted mean, standard deviation, analysis of variance and t-test were used to interpret the data collated. The results of the study show that the primary and secondary markets of CEU still preferred advertisements in the tri-media as well as, electronic and transit ads, they also welcomed and enjoyed sales promotions and public relation tools and activities; the difference in media, tools and platforms preferences of the target markets was significant ranging from low to high; both primary and secondary markets experienced problems on clarity and originality of advertisement message, proper elements organization and presentation in advertisement as well as on frequency of ad placements and accuracy and completeness of promotions information; consequently, critical bases to enhance the University marketing communications plan were presented.

Keywords: Marketing Communications, Advertising, Personal Selling, Public Relations, Above-the-Line (ATL) Approaches.

*All correspondence related to this article should be directed to Ma. Eleanor C. Espinas, Centro Escolar University, Philippines
Email: ecespinas@ceu.edu.ph, amborlongan@ceu.edu.ph

^{2nd} International Conference on Multidisciplinary Innovation In Business Engineering Science & Technology (MI-BEST-2016)



An Integrated Model for Determining Business Intelligence Systems Adoption and Post-Adoption Benefits in Banking Sector

Owusu, Acheampong^{1*} Said, Aiman Moyaid²

^{1,2}Limkokwing University of Creative Technology, Cyberjaya, Malaysia

Abstract

Business Intelligence (BI) Systems have been theorized as providing immense benefits to organizations that adopt them. These benefits include: improved customer satisfaction, improved decision-making process, provision of faster and more accurate reporting, increased revenues and increased competitive advantage. However, there are limited studies on the factors affecting adoption and actual benefits accruing to organizations adopting the system. The main aim of this study is to develop an integrated model for determining BI Systems adoption and post-adoption benefits in banking industry. The proposed model is an integration of the Diffusion of Innovations Theory (DOI), Technology-Organization-Environment (TOE) Framework, the Institutional Theory (INT), and Kaplan & Norton's Balance Scorecard (BSC). This model is different from other studies in the context of organizational adoption of BI Systems as it integrates the determinants, and evaluation of the benefits of the technology in one study. There is also a moderator Time since adoption which is used to moderate the impact of the extent of adoption to organizational performance.

Keywords: Business Intelligence Systems, Adoption, Diffusion of Innovations, Technology-Organization-Environment framework, Balanced Scorecard

*All correspondence related to this article should be directed to Owusu, Acheampong, Limkokwing University of Creative Technology, Cyberjaya, Malaysia, Email: owuach@hotmail.com



Beyond The Chaebols: Modern Case Studies of Successful Korean Entrepreneurship

Kweku O. Amonoo*

Global Studies Department Pusan National University, South Korea

Abstract

The modern South Korean entrepreneur is essentially a byproduct of a confluence of historical, political, and economic events as well as cultural change. The purpose of this paper is to identify and categorize successful Korean entrepreneurial ventures that have emerged in this relatively young democracy. From this analysis, the paper investigates how new venture firms have developed, survive and coexist with large Korean conglomerates, thus forming an alternative industry structure in Korea. The research focus is on the modern Korean entrepreneurial businesses which -- despite societal pressure borne by ingrained Confucian principles, an overriding culture of risk-averseness, and the ever-present chaebol factor -- succeed in exploiting new venture opportunities. Structurally, this study provides an historical context, profiles a sample group of local entrepreneurs, and identifies four specific models of success. Employing a survey of random entrepreneurs and available secondary research data, profiles of Korea's entrepreneur class are presented. The paper suggests that despite the emerging presence of entrepreneurship in Korea, the country has yet to reach the significant levels of new venture activity within its potential. These four success models provide a roadmap of how new, innovative, and dynamic companies can prevail within an economy which is still heavily dominated by the chaebol companies. The paper concludes that in order for higher levels of entrepreneurship, there should be systemic shifts at the cultural, governmental and educational levels.

Keywords: Korean Entrepreneurship, Entrepreneurship History, Success Models, Venture Firms.

*All correspondence related to this article should be directed to Kweku O. Amonoo, and this work was supported by a 2-Year Research Grant of Pusan National University
Email: k_amonoo@yahoo.com



Exploring Employee Informal Participation in Occupational Safety and Health Management in the Manufacturing Industry in Ghana

Baku, Anita Asiwome Adzo

Putra Business School Universiti Putra Malaysia

Abstract

Occupational safety and health (OSH) management is a problem in developing countries as laws on OSH do not work and accidents and compensation claims continue to soar. Studies have shown that involving employees in management hold immense benefits for both employees and organisations. Thus, although laws may be not working, organisations could engage employees in OSH management. Though, there is a plethora of research on employee formal and representative participation in OSH management, there appear to be little on employee informal participation in OSH management. Studies have indicated that, although an organisation may have formal procedures for involving employees in management, both managers and employees prefer informal participation in addressing issues that affect them. Using the social exchange theory and the leader-member exchange theory as the theoretical framework, the study investigates how employees in the manufacturing industry in Ghana engage managers informally in OSH management. Basing the research on the constructivist philosophy and adopting the qualitative approach and case study strategy, the study would interview employees as well as management of two selected manufacturing industries in Ghana, conduct document analysis and observe informal interactions that take place and how these influence employee involvement in occupational OSH management.

The study expects that employees are able to engage management informally in OSH issues which actually result in good safety outcomes for employees as well as organisations.

Keywords: Occupational Safety & Health, Employee Participation, Informal, Ghana

*All correspondence related to this article should be directed to Baku, Anita Asiwome Adzo, Putra Business School Universiti Putra Malaysia
Email: baku.asiwome@gmail.com



Global Illuminators

Abstract Proceeding Book
MI-BEST- February 23-24, 2016
Manila, Philippines
ISBN: 978-969-9948-48-0

TRACK B: SOCIAL SCIENCES AND HUMANITIES



Accomplishments in Preventing Crime of Police Officers in Calapan City, Oriental Mindoro, Philippines

Bernadeth P. de Guzman*

Mindoro State College of Agriculture and Technology, Philippines

Abstract

This study determined the status of the accomplishments of the police officer of Calapan City, Oriental Mindoro in preventing crime. The survey data gathered employing the self-structured questionnaire revealed that the status of Calapan City Police Station in preventing crime in terms of personnel, firearms, mobility, and investigative paraphernalia was to a high. The accomplishments of Calapan City PNP personnel in preventing crimes in terms of Illegal drug trafficking, illegal gambling and child abuse was high. The issues, kinds and forms of problems encountered by the police officer in their performance used various strategies and approaches that could help to solve the said problems. Thus, the study recommended to implement zero tolerance campaign against all forms of criminals in association with the LGU's and other government agencies as well as the community. Increase police visibility and conduct patrol on different crime prone areas especially during night time. Acquire new knowledge and equipment's for the investigation of crimes and also recruit applicants who possessed the second level of eligibility to fit the organization. Also acquire new firearms and other equipment's for every unit which can be used effectively. Implement the "For Official Use Only" motto in the utilization of government vehicles. Conduct annual neuro-psychiatric test for every PNP members to determine if they are capable to continue their service.

Keywords: Personnel, Firearms, Mobility, Investigative Paraphernalia, Illegal Drug Trafficking, Illegal Gambling and Child Abuse

*All correspondence related to this article should be directed to Bernadeth P. de Guzman, Mindoro State College of Agriculture and Technology, Philippines
Email: bernadethpalomera@yahoo.com



Hydroponic System as Climate-Smart Farming Technique for Vegetable Crop Production

Chito F. Sace¹, ArJay A. Aquino²
Central Luzon State University, Philippines

Abstract

A demonstration farm was funded by the Philippine Council for Agriculture Aquatic and Natural Resources Research and Development of the Department of Science and Technology to conduct studies on increasing vegetables productivity, and to promote recirculating hydroponic systems and tropical greenhouse as a smart adaptation technique against climate change. Production models (prototype, household, backyard, and commercial) were fabricated and established for different levels of potential adopters of the technology. Leafy vegetables and herbs were grown in the prototype, household, and backyard models while cucurbits, cherry tomato, and pepper were grown in the commercial model. A 25-watt submersible pump was used to recirculate nutrient solution in tube culture for 120 plants in 0.5 m² area in the prototype model. The household model used 70-watt submersible pump and grew 560 plants in tube and raft cultures installed in 12-m² area. The backyard model, with an area of 32 m² used 90-watt pump, produced 1,200 plants. The commercial model used flood and drain system with gravel medium, grew 468 plants vertically in trellis in a 128 m² area. Based on the results, the prototype model that cost P10,000.00, operated annually at P5,940.00 for lettuce production, with a net income of P4,680.00 has a payback period of 2.1 years. The household model which cost P50,000.00, with a P26,244.00 operation cost also for lettuce production, and a net income of P21,656.00 has a payback period of 2.3 years. The backyard model which cost P100,000, operated at P38,580.00 for basil production, with a net income of P57,531.00 has a payback period of 1.7 years. The commercial model which costs P350,000.00, operated at P104,105 with a net income of P133,495.00, has a payback period of 2.6 years. There are opportunities to establish better market which will increase net income and shortened payback period.

Keywords: Recirculating Hydroponics System, Vertical Vegetable Crop Production, Climate-Smart Farming

*All correspondence related to this article should be directed to Chito F. Sace, Central Luzon State University, Philippines,
Email: chitofsace@gmail.com



Global Illuminators

Abstract Proceeding Book
MI-BEST- February 23-24, 2016
Manila, Philippines
ISBN: 978-969-9948-48-0

TRACK C: ENGINEERING & TECHNOLOGY STUDIES



Automation of Existing Motor Controller of Water Pump Station in Western Philippines University, Aborlan, Palawan

Romel B. Panis,¹ Efren R²

¹Western Philippines University, Philippines

²Cavite State University

Abstract

This practicum was conducted from July-September, 2014 to automate the existing motor controller of water pump station in Western Palawan University, Aborlan, Palawan. Motor controller design was based on the needs on how to automate the water pump and how to save electric consumption. Applied research is used in this motor controller design that underwent several revisions and simulation tests to fit its application. Site visits was conducted to gather necessary data for the evaluation of the controller. A different color lamp indicator was used. A green light was used to indicate running. Yellow lights shows stopped or the tank is full. The red lights and buzzer warns overloaded condition. This motor controller have two operating systems: manual and automatic operations. On the other hand, if the operator set the automatic operation then only the liquid level control switch can turn on-and-off the 3-phase motor. In case one of the systems malfunctioned hence one of the systems can be used so there will be no disruption of motor operation. During maintenance of tank, the liquid level control switch can be disconnected. The cost of motor controller was ₱8,629.25 excluding the design, transportation and installation costs. As an outcome of this technique would be important for facilities with existing motor controller with no automatic function like Western Philippines University (WPU) because it offers convenience, safety, economic and efficient operation. Compared to the existing controller with no automatic function the water is always overflowing because of unpredictable time to full the concrete tank while this controller the full tank stops the 3-phase motor. It can also give enough water pressure since the elevation of the tank from the natural gradelline was 12 m.

Keywords: Motor controller, Manual and automatic operations, Liquid level control switch, Ground fault circuit interrupter, Submersible pump.

*All correspondence related to this article should be directed to Efren R. Rocillo, Cavite State University, Philippines
Email: e.r.rocillo@cvsu.edu.ph



“A study on Fanpage Interactive contents”

**Zoha Rahman,^{1*} Kumaran Suberamanian,² Hasmah
Zanuddin³
Sedigheh Moghavvemi,⁴ Mohd Hairul Nizam Bi Md
Nasir⁵**

1, 2, 3, 4, 5 University of Malaya, Malaysia

Abstract

Social Networking sites are now considered to be an excellent media tool to connect directly with consumers. One of the most noteworthy methods to attach with the consumers through these Social Networking Sites (SNS) is to create a fanpage with brand contents and to post diverse contents on these fanpages. According to different posts or contents placed on the fanpages, consumer responses in different manners. Usually users become fans of particular brand fanpages or put like, comments or keep sharing on particular posts of fanpages. These types of consumer activities in fanpages reflect brands' fanpage popularity and brands' WOM (Word of Mouth) communication. By measuring social networking sites' effectiveness, corporate houses are now analyzing metrics in terms of calculating engagement rate, number of comments/share and likings in fanpages. So now, it is very important for the marketers to know the effectiveness of different contents or posts of fanpages in order to increase the fan responsiveness and engagement rate in the fan pages. In the study the authors have analyzed total 1834 brand posts from 13 international brands of Electronics companies. Data of 9 months (From December 2014-August 2015) have been collected for analyses, which are available online from Brand' fan pages. Study explored the interactive posts from the fanpages and the impact of those contents (Interactive) on the user actions or PTA (People Talking About) metrics. Cross section Data Regression analysis was conducted by EVIEWS 9 software to analyze the non-parametric data.

Keywords: Social Media, Social Networking Sites, Social Media Content Analysis, Social Media Metrics Analysis, Interactive Contents, PTA Metrics.

*All correspondence related to this article should be directed to Kyunghan Chun, Catholic University of Daegu
Email: kchun@cu.ac.kr



Probabilistic Risk Assessment of Anchor System used in South Korea under Wind Disaster

Viriyavudh Sim¹, WooYoung Jung^{*2}

^{1,2}Department of Civil Engineering, Gangneung-Wonju National University, Gangneung, Gangwon, Korea

Abstract

In recent year, probabilistic risk assessment for structural and non-structural components with respect to hazards such as seismic, flood, and wind has been emerging a key area of researches in civil engineering, since 2005 hurricane Katrina, 2011 Tohoku earthquake and tsunami. Therefore, the focus of this study is on developing the framework of wind fragility for anchor systems installed at sign structures in South Korea. More specifically, the random variables in accordance with wind parameters and speeds associated with the design standard ASCE 7 (2010) were characterized by observed experimental test data of anchor system in Korea. Then, based on the random variables of wind load parameters, probability of failure of sign structures in terms of wind speeds was developed.

Keywords: Anchor Bolt, Attached Signs Structure, Monte Carlo Simulation, Wind Fragility

*All correspondence related to this article should be directed to WooYoung Jung, Department of Civil Engineering, Gangneung-Wonju National University, Gangneung, Gangwon, Korea
Email: woojung@gwnu.ac.kr



Formation Tracking by PI SMC for Multiple Quadrotors

Kyunghan Chun^{1*}, Taeyoung Byun², Byeungleul Lee³, Seungjae Lee⁴, Bonghwan Kim⁵

^{1, 2, 5} Catholic University of Daegu

^{3, 4} Korea University of Technology and Education, Korea South

Abstract

In this paper, the consensus and formation tracking control for multiple quadrotors are discussed. Because of the nonlinearity and the uncertainty, the sliding mode control (SMC) can be one of the robust solutions in quadrotor control. Especially, the PI (Proportional and Integrator)-type reaching law method is applied to make fast reaching time and small chattering. The system stability analysis is conducted through the Lyapunov theory and asymptotic tracking stability is demonstrated. The analytic results are supported by simulation tests.

Keywords: Formation, Tracking, Reaching Law, Sliding Mode.

*All correspondence related to this article should be directed to Kyunghan Chun, Catholic University of Daegu, Korea South
Email: kchun@cu.ac.kr



Global Illuminators

Abstract Proceeding Book
MI-BEST- February 23-24, 2016
Manila, Philippines
ISBN: 978-969-9948-48-0

TRACK D: PHYSICAL LIFE AND APPLIED SCIENCES



Fishery and biology of fishes caught by bottom set gill net fishermen in Gaang, Currimao, Ilocos Norte, Philippines

Laureta B. Dulay¹, Renato G. Dumlao², Facundo B. Asia³

Ilocos Norte, Mariano Marcos State University

Abstract

The fishery and biology of fishes caught by bottom set gill net fishermen in Gaang, Currimao, Ilocos Norte was investigated in order to contribute knowledge on the fishery status of bottom set gillnet fishing and for fishery management purposes. The said coastal area has the highest number of bottom set gill netters in the locality. Twenty one bottom set gill netters were the respondents of the study. A total of eleven fish and one invertebrate species were comprised the catch during the study period from August to December 2011. *Selar crumenophthalmus* and *Rastrelliger kanagartha* comprised 64.36% by weight of the total catch. Highest monthly total catch occurred in August and declined thereon because some fishermen shifted to the use of other fishing gears. Average catch per unit effort (CPUE) ranged from 0.53 kg/hr to 0.70 kg/hr. The biology of *R. kanagartha*, the most dominant species caught, was determined. Females dominated more than twice the males. A considerable proportion of the local stock underwent spawning from September to October. Length at first sexual maturity was estimated at 24.13cm which is way below the average length of catch at 19.0cm. This means that the fishes were caught before sexual maturity. Marine annelids were the most dominant food items of *R. kanagartha* in terms of number while gastropods were the most abundant in terms of bulk and frequency of occurrence.

Keywords: Bottom Set Gill Net, Fishery, Biology

*All correspondence related to this article should be directed to Facundo B. Asia, Ilocos Norte, Mariano Marcos State University, Philippines
Email: dong_asia@yahoo.com



Global Illuminators

Abstract Proceeding Book
MI-BEST- February 23-24, 2016
Manila, Philippines
ISBN: 978-969-9948-48-0

TRACK E: HEALTH AND MEDICINE STUDIES



Analyzing the Effect of Green Tea Leaf Treatment for Hand Contracture

Sonomi Okazaki¹, Naoko Hara², Simon Elderton³, Akihiro Hashimoto⁴

^{1, 2, 3, 4} Niigata College of Nursing, 240 Shinnan Joetsu Niigata, Japan

Abstract

The “contracture hand” causes leads to odor, skin breakdown, pain, and infection. Our objectives are to provide exact statistical evidence of superiority of green tea leaf treatment. We carried out Randomized Control Trial (RCT) and examined exact statistical analysis to explain the detail of the green tea leaf treatment. Subjects were randomly assigned to either the intervention group received the green tea treatment (n=22) or control group received ordinary hand roll treatment (n=22). Temperature, humidity, odor intensity, and skin condition of the subjects were measured 3 times at every week during the two-week long trial. 27 (14 in the intervention and 13 in the control), of the 44 subjects, completed the survey at the end. About the state of the skin and the odor, the green tea treatment group was significantly improved than the rolled hand towel group. (p=0.00, p=0.02 respectively) This trial clearly showed that the green tea treatment leads clinically and statistically significant improvement in the hand contracture with foul odor and skin troubles.

Keywords: Green Tea, Hand Contracture, Skin Breakdown

*All correspondence related to this article should be directed to Hashimoto Akihiro, Niigata College of Nursing, 240 Shinnan Joetsu Niigata, Japan

Email: hash@niigata-cn.ac.jp



The Study on the Relationship between the Metabolic Syndrome & Stroke

Sun-Hee Kang*

Professor, Dept. of Health Information Management,
Kongju National University, South Korea

Abstract

The Mets is a complex disease composed of 5 risk factors. If one has at least 3 factors or over consisting the Mets, he is diagnosed as Mets. It is well known that Mets is related closely with various diseases. the study focused on stroke was not much. This study is focused on Stroke. In this study, each 5 factors of MetS and its all the sub-combination group were analyzed concerning with stroke and with it, other diseases which were co-existed with stroke were seen. So, the result will show us the specific fields needed to be managed effectively & intensively. Data: Definition of the Mets is based on updated NCEP-ATPIII standard for Asian-Americans. The Korean National Health and Nutritional Examination Survey (KNHANES) data of 2013 was used and Among them 99 stroke patients were identified. 27 chronic diseases including stroke and Mets were analysed Results : Among 99 stroke patients, the most common comorbidity diseases were hypertension, Mets, obesity, low HDL cholesterolemia, Diabetes Mellitus, osteoarthritis, etc. We can see that almost every metabolic risk factors were related with those comorbidities too. Among 16 combination groups of MetS risk factors, the group with 4 factors of central obesity+low HDL cholesterol+high blood pressure+high blood glucose was ranked highest as 12.75%. Next one was single risk factor of low HDL cholesterol level with 10.75%. 3 factor combination of central obesity+low HDL cholesterol+high blood pressure was 8.05% marked ranking Conclusion : The stroke is related closely with MetS and the high ranking comorbidities co-exist with stroke also have many risk factors of the Mets. Among the Mets risk factors, as a single factor, low HDL cholesterol level as it is appeared to be the most important factor affecting the strokes needs to be managed strictly.

Keywords: Strokes, MetS (Metabolic Syndrome), HDL (High Density Lipoprotein)

*All correspondence related to this article should be directed to Sun-Hee Kang, Kongju National University, Korea, South

Email: kshee@kongju.ac.kr



Positive Impact of the 2004 Tsunami on Cooperative Development in Aceh Province, Indonesia: An Ethnographic Analysis

Mohmad Yazam Sharif^{1*}, Kamaruddin Hussein²

¹Universiti Utara Malaysia.

²Jakarta Consultant

Abstract

The objective of this paper is to discuss the new roles of cooperatives in the Aceh province of Indonesia in the post tsunami era. The Aceh tsunami occurred in late 2004. It destroyed many parts of Aceh province. Prior to 2004, cooperatives had already existed in the rural areas of Aceh. They were used by the Indonesian government as tools to develop the rural economy of Aceh. But these cooperatives played petty roles as they lacked knowledge and modern technology. Apart from that the Aceh Province was politically closed to the outside world. With the coming of the tsunami, Aceh Province needed assistance to redevelop its economy. The Indonesia government did not have the resources to rebuild the province including the cooperative sector. As a result, it opened the Aceh borders to outside parties such as governments and non-governmental bodies (NGOs). The NGOs from the West especially from USA and Europe went in and provided assistance to the Acehnese cooperatives in terms of funding, new technology and human resource development of managers and supporting employees of the cooperatives. An ethnographic study was made of ten cooperatives in Aceh Province which benefited from the assistance of the said NGOs. These external aids gave the Acehnese cooperatives the needed innovation to grow and prosper. They then could play bigger roles to develop the small and medium scale (SME) enterprises of Aceh in particular and of the Indonesian economy in general.

Keywords: Aceh, Cooperatives, Ethnography, Indonesia, Innovation, 2004 Tsunami

*All correspondence related to this article should be directed to Mohmad Yazam Sharif, Universiti Utara Malaysia
Email: yazamsharif@gmail.com

FUTURE EVENTS

3rd INTERNATIONAL CONFERENCE ON

“Trends in Multidisciplinary Business and Economic
Research”
(TMBER- 2016)



Date: March 25-26, 2016

Venue: Holiday Inn Bangkok Silom, Thailand

Conference Email: tMBER@globalilluminators.org

Abstract Submission Date: March 10, 2016

Full Paper Submission Date: March 15, 2016

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

Conference Main Tracks

Business , Management and Economics Studies

Health and Medicine Studies

Engineering & Technology Studies

Social Science & Humanities

Physical Life and Applied Sciences

Regional and Religious Studies

Multidisciplinary and Interdisciplinary Studies

For more details visit www.globalilluminators.org