



ICMRP 2016
Conference Proceeding
Book of Papers

4th “Innovation Challenges In Multidisciplinary Research & Practice” (ICMRP 2016)

Editor:

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ISBN: 978-969-9948-62-6

Printed and Published by: Global Illuminators Malaysia

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Conference Chair Message

Farooq Ahmed Jam (PhD)

4th International Conference on “Innovation Challenges In Multidisciplinary Research & Practice”(ICMRP-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.

Type of ICMRP Papers

For this year, ICMRP has two types of papers: *Empirical Studies* and *Insight*. Research papers meet the needs of researcher and reviewed on the basis of highest academic standards. The objective of the academic paper is to contribute in the scientific body of knowledge. Contrary, Inside papers meet the needs of policy makers and professionals and reviewed on the basis of high practical standards. The objective of the Insight is to identify the real world problems and how can solve with the help of information systems.

Reviewing Criteria

In ICMRP all papers are used to judge on the criteria (relevance, significance, originality, validity and clarity). However some criteria differ between the Research papers and Insight papers.

Relevancy: Relevancy 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 research papers and insight papers.

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

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

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

Acceptance Rates

Full Research Papers				
Submitted Papers	Accepted Papers	Withdrawn	Unqualified papers	Acceptance Rate
24	17	3	4	70.83%

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Acknowledgment

A huge numbers of people helped in conducting the conferences. First of all thanks to all the members of the Conference and Program Committee and representatives of the ICMRP board and their helpers. We also want to thank all the Track Chairs, Track Co-Chairs and reviewers, as well as all the member 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 ICMRP tradition.

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

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ICMRP 2016 Keynote Speaker

Assoc. Prof. Dr. Gatot Yudoko

School of Business and Management, Institut Teknologi Bandung (ITB), Indonesia

Dr. Gatot Yudoko earned his BEng. in Industrial Engineering and Master of Transportation from Institut Teknologi Bandung (ITB) Indonesia in 1985 and 1990 respectively. He received his MASc. in Management Science and Ph.D. in Planning from University of Waterloo, Canada in 2003 and 2000 respectively. His academic career has begun in the Department of Industrial Engineering, Institut Teknologi Bandung (ITB) since 1985 until 2005. Since then, he has been with School of Business and Management (SBM), ITB. He was appointed as an Associate Professor in Operations Strategy at SBM-ITB since 2011. His current research interests include operations strategy, operations management, logistics and supply chain, and technology and industrial policy. His vision and passion has been on the triple loop learning of excellence, leadership, and sustainability. He advocates an integrated approach that recognizes and values multidisciplinary perspective.

ICMRP 2016 Track's Chairs

Business, Management and Economics Studies

Lena Rosida & Roselina Panghiyangani

Social Sciences & Humanities

Kuhan Punaiyah, Harkishen Singh & Heo Ho Jin

Health and Medicine Studies

Indira Molina Gaytán & Prem Heeralal

Engineering & Technology Studies

Slamet Subiyantoro & Edward B. Makoye

Best Paper Nominee List

Trans Disciplinary Learning Community: Towards A Trans Disciplinary and Trans-University Collaboration Platform

Indira Molina Gaytán^{1}, Jacobo Tijerina Aguilera², Jorge Lozoya Santos³*

Universidad de Monterrey (UDEM), Mexico

Institutional Approach of Innovations on Higher Education

Ravik Karsidi¹, Drajat Tri Kartono^{2}, Atik Catur Budi³*

Universitas Sebelas Maret, Indonesia

The Impact of the Grade Five Scholarship Examination on Higher Education: Views of B.Ed undergraduates in Sri Lanka

Chinthaka Chandrakumara

University of Colombo, Sri Lanka

A Study of the Level of Management Knowledge of Woodcraft Artisans in Indonesia

Slamet Subiyantoro^{1}, Edy Tri Sulistyono², Nanang Yulianto³, Nadia Sigi Prameswari⁴*

Sebelas Maret University, Indonesia

Social Media Content Analysis Study on Brand Posts of Electronics Companies

Zoha Rahman^{1}, Kumaran Suberamanian², Hasmah Zanuddin³*

University of Malaya, Malaysia

ICMRP 2016 Best Paper Award Winner

A Study of the Level of Management Knowledge of Woodcraft Artisans in Indonesia

Slamet Subiyantoro^{1}, Edy Tri Sulisty², Nanang Yulianto³, Nadia Sigi Prameswari⁴*

Sebelas Maret University, Indonesia

List of ICMRP 2016 Academic Papers

1. Business, Management and Economic Studies

ID: ICMRP-16-141

Development of Automatic Auxiliary Equipment for a Supervision System of Freeway Maintenance

Wei-Hsin Huang^{1}, Wen-Chia Wang², Jyun-Hao Huang³, Ming-Yi Jiang⁴, Po-Yuan Chen⁵*
^{1,2,3,4,5} Tatung University, Taiwan

ID: ICMRP-16-172

A Study of the Level of Management Knowledge of Woodcraft Artisans in Indonesia

Slamet Subiyantoro^{1}, Edy Tri Sulisty², Nanang Yulianto³, Nadia Sigi Prameswari⁴*
^{1,2,3,4} Sebelas Maret University, Indonesia

ID: ICMRP-16-182

Creative Cities Index for Indonesian Cities

Desy Anisya Farmaciawaty^{1}, Vanessa Fitri Sabur², Yuanita Handayati³, Gatot Yudoko⁴, Togar M. Simatupang⁵*
^{1,2,3,4,5} School of Business and Management Institute Technology of Bandung, Indonesia

ID: ICMRP-16-183

SM Analytics: Impact of SM Engagement Metrics on Online Purchase Intention

Zoha Rahman^{1}, Dr. Kumaran Suberamanian², Dr. Hasmah Zanuddin³, Dr. Mohd Hairul Nizam Bin Md Nasir⁴*
^{1,2,3,4} University of Malaya, Malaysia

2. Social Sciences and Humanities

ID: ICMRP-16-111

Islamic Theological Studies as a Chance for Dialogue: A Multidimensional Approach

Khaled Radhouani^{*}

University of Tübingen, Germany

ID: ICMRP-16-126

Transformational Leadership Styles of Public Elementary School Principals in Relation to School Social Organizational Factors in Region III, Philippines

Dr. Domingo C. Edano^{1*}, *Dr. Edna Marie D. Punzalan*², *Natty L. Tumutod*³

^{1,2,3} Ramon Magsaysay Technological University, Philippines

ID: ICMRP-16-127

Transdisciplinary Learning Community: Towards A Transdisciplinary And Trans-University Collaboration Platform

Indira Molina Gaytán^{1*}, *Jacobo Tijerina Aguilera*², *Jorge Lozoya Santos*³

^{1,2,3} Universidad de Monterrey (UEM), Mexico

ID: ICMRP-16-137

Institutional Approach of Innovations on Higher Education

Ravik Karsidi^{1*}, *Drajat Tri Kartono*², *Atik Catur Budi*³

^{1,2,3} Universitas Sebelas Maret, Indonesia

ID: ICMRP-16-152

Machiavellianism in the plays of Shakespeare

Wall, Steve^{*}

Hillsborough Community College, United States

ID: ICMRP-16-168

The Impact of the Grade Five Scholarship Examination on Higher Education: Views of B.Ed undergraduates in Sri Lanka

Chinthaka Chandrakumara^{*}

University of Colombo, Sri Lanka

ID: ICMRP-16-169

Towards Constructively Aligned Curriculum Practices: Challenges and Teaching skills of In-service teachers of Sri Lanka

Seneviratne, Kumudini, Priyanka^{*}

University of Colombo, Sri Lanka

ID: ICMRP-16-178

Qualitative Longitudinal Research on Lithuanian Student Migration

Egidija Ramanauskaite-Kiskina^{1}, J.Rimas Vaisnys²*

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² Yale University, United States

ID: ICMRP-16-178

Qualitative Longitudinal Research on Lithuanian Student Migration

Egidija Ramanauskaite-Kiskina^{1}, J.Rimas Vaisnys²*

¹ Vytautas Magnus University, Lithuania

² Yale University, United States

3. Health and Medicine Studies

ID: ICMRP-16-158

Related Factors to Contraceptive Use among Women Marrying Young in Sungai Tabuk District Banjar Regency In 2015

Lena Rosida^{1}, Musafaah², Aulia Rahmi Rezkia³*

^{1,2,3} Lambung Mangkurat University, Indonesia

ID: ICMRP-16-159

The Relationship between the Smoker in Family Member and Using of Mosquito Coils with Acute Respiratory Infection to Children in the Banjarnegara Public Health Centers of Hulu Sungai Utara

Laily Khairiyati^{1}, Frieda Ani Noor², Siti Fatimah³*

^{1,2,3} Lambung Mangkurat University, Indonesia

ID: ICMRP-16-160

The correlation between AMH levels with Proliferasi Index Granulosa Cells in Infertile Women undergoing IVF Program

Roselina Panghiyangan^{1}, Purnomo Soeharso², Andrijono³, Dwi Anita Suryandari⁴, Budi Wiweko⁵, Mala Kurniati⁶*

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^{5,6} FK Universitas Malahayati-Lampung, Indonesia

4. Engineering and Technology

ID: ICMRP-16-121

Biped Robot for Walking and Turning Motion using Raspberry Pi and Arduino

Kuhan Punaiyah^{1}, Harkishen Singh²*

^{1,2}UCSI University Kuala Lumpur, Malaysia

ID: ICMRP-16-184

Social Media Content Analysis “Study On Brand Posts Of Electronics Companies”*Kuhan*

Zoha Rahman^{1}, Dr. Kumaran Suberamanian², Dr. Hasmah Zanuddin³, Mohd Hairul Nizam Bin Md Nasir⁴*

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ISBN: 978-969-9948-62-6

Printed and Published by: Global Illuminators Malaysia