ICMRP 2014

Conference Proceeding

Book of Papers

3rd Innovation Challenges In Multidisciplinary Research & Practice

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Country Director

Global Illuminators Iraq

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Global Illuminators

http://www.globalilluminators.org

Global Illuminators (Gl) is an abbreviation for the international Network for scholars for research development, Learning, knowledge sharing, Innovation, and capacity building. This platform brings together scholars from multidisciplinary fields for academic excellence, innovation, human development and research skills building of all scholars from multiple countries across the globe and from different academic disciplines. It nurtures a philosophy for serious research debates in an open and friendly ambiance. Our logo shows how we aim to light up the globe through scholarly academic research efforts by contribution towards betterment of society.

Global Illuminators major scope is to inspire and nurture research quality and innovation through multidisciplinary academic research approach. An explicit primacy is to help building research capacity of the scholars from developing and third world countries especially in Asia. Another priority is to encourage and equips young researchers with advanced statistical and methodological approaches which are essential to produce high quality research. A fundamental notion for creating this network is to help the higher education institutions in building research capacity and infrastructure which can stimulate an atmosphere of competence and excellence in research productivity and quality with ethical standards.

University of Haripur, KPK, Pakistan

http://uoh.edu.pk

The establishment of University of Haripur (UoH) is an important milestone in the history of higher education in Hazara region of Khyber Pakhtunkhwa, Pakistan; a region which entails the international Karakorum Highway. There was a strong motivation to establish UoH and a significant coherence among the potential stakeholders regarding the direction that such a project should take. The motivation can be supported by (unofficially validated) estimates which suggest that in 2017-18 approximately 8,000-10,000 pupils will be enrolled in the University with the completion of proposed physical and academic infrastructure. Having education at all levels with strong Islamic foundations is important for the nation as a whole and we firmly believe that education should be focused on providing principled, morally motivated leaders to serve the country - a new generation of leaders who understand the need for justice and peace in Pakistan. It is an understood notion that the UoH shall have a globally recognized validation.
ICMRP 2015 Supporting Organization

University of Haripur, KPK, Pakistan
Conference Chair Message

3rd International Conference on “Innovation Challenges in multidisciplinary Research & Practice” (ICMRP-2015) 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 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 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 be solved with the help of information systems.
Reviewing Criteria

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

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<tr>
<th>Criterion</th>
<th>Research paper</th>
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<tr>
<td>Relevance</td>
<td>Both types of papers are related to each other. The relevancy to same track is necessary. If there is special theme of conference then relevancy have great impact.</td>
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<td>Significance</td>
<td>Present knowledge about different researches in ICMRP is necessary that is close off a line of Research papers and Insight papers.</td>
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<td>Originality</td>
<td>Ideas that are new to researchers exist the body of knowledge.</td>
<td>Ideas that are new are used in ICMRP</td>
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<td>Validity</td>
<td>Research is based on theory. References are according to the content. Conclusion is logically correct argumentation.</td>
<td>Content is grounded in the actual experiences and meets the need of the professionals.</td>
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<td>Clarity</td>
<td>Papers are according to the format, language is easy to understand, and any abbreviations used are easily understandable by the audiences in the ICMRP.</td>
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Acceptance Rates

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ACKNOWLEDGMENT

There are a huge number of people who have helped in producing this conference. First of all the members of the Conference and Program Committee and representatives of the ICMRP board and their helpers. But we want to thank all the Track Chairs, Track Co-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 installment of the ICMRP tradition.

Farooq Ahmed Jam (PhD), Tariq Iqbal Khan (PhD)

Program Chair & Co-Chair
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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

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Krittaway Thongko Chiang Mai University, Thailand

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I-Ju Chen ling tung university Taiwan

Wen, Yvonne, Ying-Ya National Formosa University, Taiwan
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Nedjah Preparatory School of Sciences and Technology (EPST Annaba), Algeria

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Nahid Sanzida Bangladesh University of Engineering and Technology (BUET) Bangladesh

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Helia Rahbari Faculty of Paramedical Sciences at Shahid Beheshti University of Medical Sciences, Iran

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kazushi Okamoto Aichi Prefectural University Japan

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Mohammad A. H. Khan DVM, MS, PhD, Professor, Department of Pathology, Faculty of Veterinary Science, Bangladesh Agricultural University

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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  NLing 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
ICMRP 2015 Keynote Speakers

Professor Dr. Syed Tahir

Hijazi is Ex. Dean at College of Business Administration, American University in The Emirates, Dubai UAE. He is regarded as leading international economist and reputed advocate of innovation in academia. His contribution for promotion of research excellence and academic innovation are recognized at international level. Dr. Hijazi has been in leading positions formerly across many countries including USA, Greece, Pakistan, and UAE. He has been involved in research and development activities with World Bank, ADB, ILO, USAID, UNDP and several other global level institutions. He is among the main advisors of Global Illuminators International. His research contributions are wider and impactful for the scholars and researchers in the multidisciplinary fields. He is among the top advocates of promoting multidisciplinary research and practice for better service of humanity. He is on the advisory boards of several countries for development of innovation infrastructure to help in growth of knowledge based economies. His 35 years of rich academic and research experience along with visionary leadership for innovation and excellence makes him an ideal scholar to share his thoughts regarding innovation challenges in multidisciplinary research and practice

Dr. Rovelina Bucao-Jacolbia

She is currently the Director of the National Service Training Program of the Polytechnic University of the Philippines. She is a subject specialist of PUP Open University and College of Education Graduate Studies. She was a former Chairperson of the Department of Business Teacher Education of the PUP College of Education and a former University Research Coordinator. She graduated valedictorian in elementary and third honors in high school at the University of the East. She finished Bachelor in Business Education, Magna Cum Laude, at the Polytechnic University of the Philippines. She has a degree in Master in Business Education and a Doctorate in Educational Management, both earned in PUP. She serves as a lecturer in national and local seminars in the field of Education. She has delivered lectures on Educational Technology, Classroom Management, Teacher as Evaluator, Teacher as Guidance Counselor, and other educational topics. She has presented academic papers in international and national conferences on education. She has presented research papers in Japan, Hongkong, Thailand, Indonesia, and Singapore. Her continuous involvement in national and university research undertakings since 2004 enhanced her expertise as an international and national paper presenter which she has been performing since 2008. In 2013’s University of Northern Philippines National Multi-Disciplinary Research Conference in Vigan, Ilocos Sur, Philippines, she was awarded best paper presenter in two sessions. She was awarded the 2010’s Commission on Higher Education (CHED)-Philippine Council of Deans and Educators in Business (PCDEB) Outstanding Business Educator in the Field of Office Administration and a recipient of international grants of Japan International Cooperation Agency (JICA) for two consecutive
years. At present, Dr. Jacolbia is President of the Philippine Association of Educators in Office Administration Foundation, Inc. (PAEOAFI) and National Secretary of PCDEB. She is also an active member of national organizations: Teachers of the Philippines (TOP), Philippine Association For Teacher Educators (PAFTE), Philippine Teachers Association for Research of Principles (PTARP) and Philippine Association of Research Managers, Inc. (PHILARM). She is also an active member of Pi Lambda Theta, an international honor society for women in education.
ICMRP 2015 Tracks Chairs

**Business Management & Economic Studies**
Tomé Awshar, Mapotse, ParimalaFathima M

**Social Science & Humanities**
NimaKasraie, Boniface Amanda Elizabeth

**Health and Medicine Studies**
Clifford Chiduuro, Won, Seojin

**Engineering & Technology Studies**
Josephine Espinoza Tondo, Yun-Hwa Ko, Chung-Chun Wu, Uldana B. Baizyldayeva

**Physical, Applied and Life Sciences**
Ali Sadeghi, Chi-Ruei Tsai

ICMRP 2015 Panels

**Corporate Governance and Corporate Social Responsibility- Significance for competitive world**
*Moderator: Chong Hui Ling*

Two terms corporate governance (CG) and Corporate Social Responsibility (CSR) that are widely used not only in corporate world but also in academic research circles. This panel will discuss ethical, legal, social issues related to CG & CSR in detail depth to shed light on their linkages with overall effectiveness and efficiency.
ICMRP 2015 Best Paper Nominees

The Issue of Training Counselors to Work with Orphans in Kazakhstan
Assylbekova Marziya, Menlibekova Gulbakut, Slambeleoka Tolkyn
Eurasian National University named after L.N. Gumilyov, Kazakhstan

Finding A Place for Residence; Idps Remaining In Host Communities: A Case of Sri Lanka
Shantha Wanninayake
Department of Sociology, University of Peradeniya, 20400 Sri Lanka

The Level of Compliance of Food Handlers With National Regulations On Food Hygiene And Safety Practices: A Case Of Selected Fast Food Outlets In Thohoyandou, South Africa
Murwira Tinotenda Success
Department of Public Health University of Venda, South Africa

Processes in Congruence To Emancipate Teachers: Technology Education And Action Research
Tomé Awshar, Mapotse
University of South Africa, College of Education, Department of Science and Technology Education, South Africa.

Multidisciplinary Research For The Purpose Of Nutritional Therapy Guidelines Of Amyotrophic Lateral Sclerosis
kazushi Okamoto, Misuzu Egami, Eiko Ishii, Nakako Fujiwara, Tameko Kihira
Aichi Prefectural University Japan, Nagoya Bunri University, University of Human Environments, Kansai University of Health Science Japan.

The Importance Of The Personnel Training In Heat Treatment For Precision Machinery Equipment Industry
Wu Chung-Chun
Southern Taiwan University of Science and Technology, Taiwan

Architecture from the perspective of Sacred Arts based on the transcendence of Iranian-Islamic Design
Jamal-e-Din Mahdinejad1, Ali Sadeghi Habibabad
Assistant Professor in Department of Architecture, Shahid Rajaee Teacher Training University, Tehran, Iran

Forecasting the boundaries of dangerous oil spills in sea and river ports areas
Russian State Hydrometeorological University (RSHU)
ICMRP 2015 Best Paper Award Winners

Finding A Place for Residence; Idps Remaining In Host Communities: A Case of Sri Lanka
Shantha Wanninayake
Department of Sociology, University of Peradeniya, 20400 Sri Lanka

The Level of Compliance of Food Handlers With National Regulations On Food Hygiene
And Safety Practices: A Case Of Selected Fast Food Outlets In Thohoyandou, South Africa
Murwira Tinotenda Success
Department of Public Health University of Venda, South Africa

Processes in Congruence To Emancipate Teachers: Technology Education And Action
Research
Tomé Awshar, Mapotse
University of South Africa, College of Education, Department of Science and Technology
Education, South Africa.

The Importance Of The Personnel Training In Heat Treatment For Precision Machinery
Equipment Industry
Wu Chung-Chun
Southern Taiwan University of Science and Technology, Taiwan

Architecture from the perspective of Sacred Arts based on the transcendence of Iranian-
Islamic Design
Jamal-e-Din Mahdinejad1, Ali Sadeghi Habibabad
Assistant Professor in Department of Architecture, Shahid Rajaee Teacher Training University,
Tehran, Iran
# List of ICMRP 2015 Academic Papers

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<td>Kuo Tien-Tsai</td>
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<td>Finding A Place for Residence; Idps Remaining in Host Communities: A Case of Sri Lanka</td>
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