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2ND ICMRSI

THE 2ND INTERNATIONAL CONFERENCE
ON MULTIDISCIPLINARY
RESEARCH FOR SUSTAINABLE INNOVATION

Book of Abstract

**Virtual Conference,
14th -15th February 2023**

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2nd International Conference on Multidisciplinary Research for Sustainable Innovation (2nd ICMRSI)

Theme: “Toward Innovation Excellence; Reframing Socio Economic, Science, Technology and Practice Relationship”

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FOREWORD



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As a social enterprise, our aim is to provide a good research ecosystem and platform for researchers to share, discuss, and disseminate their ideas. In addition, it helps you to improve your research and contribute to the knowledge. Therefore, creating social value and impact is our priority.

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There are various agendas (work and program) that we have already done since 2017 up to present. The agendas are coming from all the support systems in the Global Research Ecosystem, named: Scholarvein, ReviewerTrack, Research Synergy Institute, and Research Synergy Press. Research and publication cannot be seen as a separate part. Otherwise, we should take both as a comprehensive program. Moreover, the quality of the paper is the biggest concern for publication. To achieve the Organization/University/ Institution goal, we provide some agendas that can support you in research and publication enhancement. Some of the prominent agendas are:

1. International Conferences: It aims to create a "tipping point" of opportunities for participants to disseminate their research globally and have reputable scientific publication output.
2. Scientific and Academic Writing Coaching Clinics: It aims to provide a targeted and intensive learning strategy for publishing papers in high-impact Scopus/ WOS international journals.
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5. Social Programs: It aims to empower and encourage society to share the value of creating an impactful program with us.
6. Research Synergy Foundation welcome all individuals, organizations/institutions (universities, governments, and private sectors) to be part of our Global Research Ecosystem.

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Universitas Persada Indonesia Y.A.I was founded in 1985 as one of the institutions under Yayasan Administrasi Indonesia (Y.A.I), which was founded in 1972 and is distinguished by all campuses being located in the heart of Jakarta, making them very convenient and easily accessible. Universitas Persada Indonesia Y.A.I (abbreviated as UPI Y.A.I) offers 18 majors in Business and Management, Psychology, Communication Science, and Engineering and Technology. UPI Y.A.I offers two doctorate programs – one in management and one in psychology – as well as four master's programs – master of management, master of psychology, master of communication science, and master of civil engineering. In addition, UPI Y.A.I holds a Master of Professional Psychology degree. UPI Y.A.I offers ten undergraduate programs, including Bachelor of Accounting, Bachelor of Management, Bachelor of Psychology, Bachelor of Communication Science, Bachelor of Visual Design Communication, Bachelor of Informatics, Bachelor of Information System, Bachelor of Industrial Engineering, Bachelor of Architecture, and Bachelor of Civil Engineering, as well as one - three-year diploma program in management.

All UPI Y.A.I programs are well-accredited by the National Accreditation Board for Higher Degree Programs in Indonesia. With a strong UPI global vision and a focus on "Kampus Merdeka" (Independent Campus), UPI Y.A.I is very competitive in producing Powerful Human Resources who will be competitive in the millennium era, the Industrial Revolution 4.0 era, and the coming Society 5.0 era. Alumni of UPI Y.A.I have completed a process of attractive, active, adaptive, and innovative learning. Collaborations with Professional Associations are made to ensure a strong link and match between science and knowledge and the professional standards required of UPI Y.A.I graduates, such as collaborations with Indonesian Accountants Association (IAI), Indonesian Architect Association (IAI), Association of Indonesian Psychology (HIMPSI), and Indonesian Association of Precast and Prestressed Experts (IAPPI). UPI Y.A.I is also linked to industries via Indonesian Young Entrepreneurs (HIPMI JAYA & KADIN JAYA) and Indonesian Women Entrepreneurs (IWAPI). All broadening and creative insights are delivered to UPI Y.A.I graduates in order for their high competence and capacity to grow and become successful. UPI Y.A.I has also achieved institutional achievements such as various Research Grants from the Ministry of Education and Higher Education, Grants for Community Services, and Grants for Student Creativity Programs (PKMM). Students' accomplishments at the POMNAS Championship, Grant for Young Entrepreneur, and Winner of the Indonesian Business Student Competition (KBMI) from the Ministry of Youth and Sports of the Republic of Indonesia. To achieve Institutional/University Performance, UPI Y.A.I strengthens its national and international capacities by actively organizing serial national seminars as well as international conferences with total presenters and participants exceeding 500 people per event. Since 1996, UPI Y.A.I has collaborated with universities in the United States, Germany, Croatia, Australia, the Philippines, China, and

Malaysia. UPI Y.A.I has also joined large networks, becoming a member of the Association of Universities of Asia and the Pacific (AUAP), as well as working with the International Psychological Association or The International Council of Psychologist (ICP) and the Research Centre in Berlin. All International programs are available to support Lecturers and Student Creativity and Performance, including those for Research Developments, Community Services, and Creativity Student Programs, and which are now heavily focused on internationalization as a new agenda – one is the International Conference on Multidisciplinary Research for Sustainable Innovation 2022 (ICMRSI) today.

UPI YA.I invites International Institutions, lecturers, faculty, scholars, and students to participate and collaborate in a variety of programs. Today's ICMRSI 2022 event is an opportunity for UPI Y.A.I to warmly welcome and follow up on any academic and student collaborations with other University, Professional Associations, and Industries worldwide.



VISION

Vision is towards a leading university that is quality and competitive at the national level and is considered international in 2018, who can carry out the Tri Dharma of Higher Education, can produce quality and highly competent alumni, with global insight, have an entrepreneurial orientation and are optimally capable of utilizing information and communication technology, so that they can make a real contribution to the interests and progress of the nation and state.

MISSION

- Organizing quality and professionally managed education and teaching.
- Conducting research by maintaining the tradition of a creative scientific community.
- Organizing community service that empowers marginalized groups to be strong and independent.
- Creating a campus environment as a center of science and culture with an academic climate that supports the achievement of the university's vision.
- Fostering a new generation of human beings who are pious and have noble character, master science and technology and have integrity.

AIM

- Produce scholars who have depth of faith, self-reliance of soul, sharpness of reason, sensitivity of conscience, ability to work and breadth of insight.
- Produce scientific studies that solve problems in society creatively and innovatively by utilizing resources efficiently and effectively.
- Play a role in producing a religious, nationalist, modern, moderate, and upholding integrity society.

CO-HOST



Universitas Teknologi Muhammadiyah Jakarta aims to bring out the competency of being a Technopreneur, an entrepreneurship which integrates the knowledge of theory of business with art, to give a higher value of entrepreneurship. Universitas Teknologi Muhammadiyah Jakarta hopes to create individuals who are competent, independent, with entrepreneurial attitude, holds good value, and resilient.

<https://utmj.ac.id>



Located in Kupang, Universitas Katolik Widya Mandira or Unwira was formed in 1982, started out just with three faculties. It aims to create individuals with three main excellency: academic excellency, characteristic excellency, and institution image excellency. One of the ways to reach it is to create programs with those excellencies in mind. Furthermore, Unwira believes that “Serving with Heart” should become a motto and a foundation to every work.

<https://unwira.ac.id>

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CONFERENCE CHAIR MESSAGE

2nd International Conference on Multidisciplinary Research for Sustainable Innovation (ICMRSI) is Research Synergy Foundation that held virtually on 14-15 February 2023.

This conference not only give you global forum to share and exchange idea, research, and work. But also, provide wider network and research ecosystem for further collaboration and projects. We are glad to share these good opportunities in the scientific community, that will be offered only for all participants who participate in the conference.

It has been our privilege to convene this conference. Our sincere thanks, to the conference organizing committee; to the Program Chairs for their wise advice and brilliant suggestion on organizing the technical program and to the Program Committee for their through and timely reviewing of the papers. Recognition should go to the Local Organizing Committee members who have all worked extremely hard for the details of important aspects of the conference programs and social activities.

We welcome you to this conference and hope that this year's conference will challenge and inspire you, and result in new knowledge, collaborations, and friendships.

Best regards,

Prof. Ir. Sri Astuti Indriyati, MS., Ph.D.,
Conference Chair of 2nd ICMRSI 2023

CONFERENCE CHAIR



Prof. Ir. Sri Astuti Indriyati, MS., Ph.D.

Universitas Persada Indonesia Y.A.I

Prof. Ir. Sri Astuti Indriyati, MS., Ph.D is the Conference Chair for the 2nd International Conference of Multidisciplinary Research for Sustainable Innovation (ICMRSI) 2023, as well as the Rector of Universitas Persada Indonesia Y.A.I, a well-accredited higher-education institution in Jakarta, Indonesia.

She is a Professor of Architecture with nearly 28 years of teaching experience in the Architecture Program. Her international experience – she earned her Ph.D. from Curtin University of Technology in Australia and her Master's degree from the Royal Melbourne Institute of Technology in Australia – is driving her goal for The Universitas Persada Indonesia Y.A.I, which is to establish an international reputation through collaboration with numerous foreign institutions.

Her strong desire is to establish institutional research collaborations, joint scientific publications, and various other forms of collaboration with Overseas University and Industry partners worldwide. One of those intentions is now the implementation of the ICMRSI 2022 and 2nd ICMRSI 2023, where hundreds of lecturers, faculty, researchers, scholars, and students from various National and International Universities, as well as public participants, are gathering and joining the conference to gain international insights, disseminate their research and publications, and create massive links and collaborations.

CO-CONFERENCE CHAIR



Dr. Hendrati Dwi Mulyaningsih

Founder & Chairperson of Research Synergy Foundation

Dr. Hendrati Dwi Mulyaningsih is the chairperson and founder of Research Synergy Foundation that has shown great commitment on creating Global Network and Research Ecosystem. This GNR ecosystem has been developing since 2017 up to the present and having increasing numbers of the member up to more than 25.000 from all around the globe. Her passion in how to create impact and co creation value among all the stake holder of RSF has made her focus on upholding integrity in the scientific process through enhancement of RSF's support-support system as like Reviewer track, Scholarvein, Research Synergy Institute and Research Synergy Press. Thus, her work in this area has made her as the Nominee of Impactful Leadership Awards from Tallberg Foundation Sweden 2019.

As lecturer, she has been working in the University since 2008 – at present in Indonesia as assistant professor and she hold her Doctoral Science of Management graduated from School of Business and Management Institute of Technology Bandung (SBM-ITB) and she has strong interest to her research project as well as her research field in Social Entrepreneurship, Social Innovation and Knowledge Management.

As researcher, her work studies and research on this research field made her be invited as reviewer in many reputable Scopus and WOS indexed journals and as keynote speaker in many International Conferences in Philippines, Thailand, Malaysia, Indonesia, Australia, Japan, and US. She also has shown her great passion on writing her research study into some books chapter, papers and contemporary scientific articles that has already been published in Springer, Emerald, Taylor and Francis and in many reputable international publishers. The terrific association between her professional experiences as researcher, lecturer, the certified Trainer & Coach combined with her wider horizon on networking in the research area made her establish the strong commitment on having global learning platform to accelerate knowledge through many workshops and research coaching in Research Synergy Institute as one of RSF's support system.

OPENING SPEECH



Prof. Dr. Engr. Yudi Yulius, MBA

Foundation's President & Coordinator of the Y.A.I Private Institution of Higher Education

Graduate of Universitas Trisakti Indonesia Architectural major; Oklahoma City University USA Finance major; Universitas Padjadjaran Indonesia Management major. Starting his career in the education industry as the assistant Rector I of STIE Y.A.I, Rector of UPI Y.A.I, and is currently the Foundation's President & Coordinator of the Y.A.I Private Institution of Higher Education. Besides from the education industry, he is also active in other organizations.

Member of the Rector Forum Indonesia, Chairman of the IT Compartment for the organization of the Indonesian Chamber of Commerce and Industry, Head of the Indonesian Chamber of Commerce and Industry for Education and Human Resources; Central Honorary Board Member of the Indonesian Young Entrepreneurs Association, General Treasurer of the Indonesian Private University Association; Member of the Indonesian Economics Bachelor Association, Responsible Person for the Partner Assistance Team of the Revolving Fund Management Institution; Exemplary Cooperative Commissioner 383, Secretary-General of the Central Indonesian Private University Association.



Dr. Sularso Budilaksono, M.Kom

Head of 2nd ICMRSI 2023, UPI Y.A.I

Dr. Sularso Budilaksono is the Head of the Organizing Committee of the 2nd International Conference on Multidisciplinary Research of Sustainable Innovation (2nd ICMRSI 2023). His educational background from bachelor degree in Computer Science from Universitas Gadjah Mada, a Master Degree in Computer Science from Universitas Indonesia and a Doctoral Degree in Education Technology from Universitas Negeri Jakarta. Currently, He is an Associate Professor in Informatics Engineering from Universitas Persada Indonesia Y.A.I.

CLOSING SPEECH



Dr. Choirul Anwar SE, MBA, MAFIS, MCIS, Ak, CA, CPA, CSRS, CSRA, CPI

Director of International Office for UPI Y.A.I

Dr. Choirul Anwar, SE, MBA, MAFIS, MCIS, Ak, CA, CPA, CSRS, CSRA, CPI is a lecturer at UPI Y.A.I. He is also implementing his

knowledge as a practitioner of accountant by joining with Drs. Heroe Pramono Registered Public Accountant as an Audit Partner. He was born at Jombang - East Java on October 4, 1969. He got bachelor degree majoring in accounting from STIE Y.A.I on 1992.

After several years working experiences, on August 18, 1995, he decided to continue studying to United States for graduate degree. He got MBA degree on the month of December 1997 from Cleveland State University, the university that has been accredited by American Assembly Collegiate School of Business (AACSB). In the middle of his study, he got tuition waiver by working at International Office in related university. In the following years, he got free tuition cost and stipend by working at Computer Science Department of Cleveland State University to pursue another degree. On December 2000, he succeeded in completing his study and got Master of Accounting, and Financial Information System (MAFIS). In the month of May 2002, he got the third Master degree in the field of Computer Science along with degree of Master Computer Information Science (MCIS).

Soon after graduated from Cleveland State University, he develop his career in the USA by working at Robert Half Staffing, which is an agency that provides accounting and financial services. Finally, on March 2003, he decided to go back home to Indonesia for implementing his knowledge by Teaching in UPI Y.A.I and joining with Drs. Heroe Pramono & Partner Registered Public accountant until now. He also earns doctoral degree of accounting from Brawijaya University in the year 2016.

Dr. Euis Puspita Dewi , ST. M,Si



Vice of Head of 2nd ICMRSI 2023, UPI Y.A.I

Dr. Euis Puspita Dewi, ST., MSi was born in Jakarta, October 25, 1975. She obtained her 'Sarjana Teknik' (ST) Degree in Architecture from Universitas Indonesia, took Master program in Architectural Landscape from IPB University and finished his Doktor degree from Universitas Indonesia. Her research interest is about socio-cultural history and tradition of Indonesian

architecture and urbanism, in relation to the context of colonialism and postcolonialism. In Universitas Persada Indonesia Y.A.I, she is a lecturer (2000 until now) who teaches on

Architectural Design Studio and History of Architecture. Since 2019, she serves as Assistant Deputy Director of LPPM UPI Y.A.I in Research field.

KEYNOTE SPEAKERS



Dr. Phil. Idhamsyah Eka Putra

Persada Indonesia University and Director in the Division for Applied Social Psychology Research (DASPR)

Dr. Phil. Idhamsyah Eka Putra is a Lecturer in the Psychology Graduate Programs at Universitas Persada Y.A.I and Director in the Division for Applied Social Psychology Research (DASPR). He was recently appointed as an (honorary) research fellow for the Centre for the Resolution of Intractable Conflict (CRIC), Oxford University. He earned a Master's degree in Psychology from University of Indonesia (2007) and a Doctorate with distinction in Social Psychology from Johannes Kepler University of Linz, Austria (2015), supervised by Wolfgang Wagner. His research interests are in social psychology, particularly prejudice, violent (Islamic) extremism, religious fundamentalism, intergroup and interreligious relations, social stigma, social exclusion, and intergroup conflicts. He is a recipient of the Sarlito W. Sarwono Award (2017) granted to rising Indonesian scholars actively involved in psychological research and its dissemination in Indonesia, by the Konsorsium Psikologi Ilmiah Nusantara (KPIN/ Nusantara Psychological Science Consortium). He is also awardee of the Indonesian-World Record Museum (MURI) (2022) as Indonesian (social) scientist who has published consistently every year in peer-reviewed journals indexed by Scopus, from 2013 to 2022. Currently He is co editor-in-chief on Journal of Social and Political Psychology (Scopus Q1) and consulting editor on European Journal of Social Psychology (since 2021; Scopus Q1). (Google Scholar / Scopus).



***Co-Keynote Speaker:
Yuliana Hanami, Ph.D***

Faculty of Psychology, Universitas Padjadjaran

Yuliana Hanami, Ph.D is a lecturer in the Faculty of Psychology at Padjadjaran University and Editor-in-chief Journal of Psychological Science and Profession (JPSP). She received a master's degree in 2014 and held a doctoral degree in 2018 in Language Science from Tohoku University, Japan. Hanami is still a novice researcher and currently exploring her various research interests, particularly those related to language, social media, film, culture, interpersonal relationships, and political psychology.

Summary of Speech

Topic: Academic Publications and Technology: Pros & Cons in Indonesia

In this presentation, we (Idhamsyah Eka Putra & Yuliana Hanami) aim to share issues related to academic publication practices in Indonesia and how technology can be the opposite sides of the coin. **First**, it has been commonly known that for scholars or researchers, academic publication is important. However, the motivations to publish can be driven from many factors, internal or external. **Second**, in the past, it was very difficult for scientists from non-English speaking countries (such as in Indonesia) in participating at the international level, especially publishing their work in English-language scientific outlets. Fortunately, in the present time, technology (e.g. software and applications) can provide positive things in improving the academic skills, especially the writing quality of the non-English speaking scientists. To note here that, even though Technology can help to improve the writing skills, with over teaching load and high demand to publish consistently in peer-reviewed scientific outlets, scientific publication is always a challenge for (Indonesian) scholars. **Third**, the third parties noticed such problem and saw this as a business opportunity. Now, Indonesia whereas a third party assisting the researchers/scholars to complete a scientific manuscript has become a trending issue. Unfortunately, Technology has boosted such commercial service of academic publication into a larger market, and more accessible; by selling their services through e-commerce websites. Upon this issue, we conducted (Hanami et al., 2023)¹ a qualitative study asking to a number of lecturers and postgraduate students of their perceptions about academic publications and what they think about the third party services. We found that instead of using the third party seen as wrong, many participants saw that high demand and pressure on publications as the scapegoat. The findings indicate that many Indonesian researchers or scholars lack understanding of academic ethics.

¹ Hanami, Y., Putra, I.E., Relintra, M. A., & Syahlaa, S. (2023). Scientific publications being questioned: Understanding how Indonesian scholars perceive the obligation to publish and its ethical practices. Manuscript submitted for publication. (Under review, Journal of Academic Ethics).



Professor Dr. Severin Hornung

**Institute of Psychology of the University of Innsbruck, Austria
Co-Founder of Innsbruck Group on Critical Research in Work
and Organizational Psychology (I-CROP)**

Severin Hornung (PD, PhD, MSc, BEng) is a faculty member at the University of Innsbruck's Institute of Psychology. After degrees in Industrial Engineering and Management and Social Science, he received his PhD from the Chair of Psychology at the Technical University of Munich in 2005. In 2017, the University of Innsbruck awarded him a post-doctoral degree along with full teaching accreditation for the field of psychology. Prior assignments included positions in Germany, UK, China, and the US. His research interests include critical perspectives on the neoliberal transformation of work, employment, and society, new forms of management control, precarious work, social inequalities, unsustainability, and injustice as well as ways to respond to these developments by transforming academic psychology. His research has been published widely and he serves on the editorial boards and as guest editor for several psychological journals.

Summary of Speech

Topic: Transforming Work and Organizational Psychology: Research(ers) for Social Justice and Sustainability

A founding member of the international “Future of Work and Organizational Psychology” (FoWOP) network, as well as the “Innsbruck Group on Critical Research in Work and Organizational Psychology” (I-CROP), the speaker introduces this growing movement for social justice and sustainability. The talk provides information on its background, goals, past and future activities, and evolving organizational structure (www.futureofwop). Founded in 2018 under the auspices of the European Association of Work and Organizational Psychology (EAWOP), FoWOP is an open network of academics seeking to transform the field of work and organizational psychology. Among its main concerns are efforts to address theoretical and methodological biases, better live up to more rigorous professional codes of ethics, reduce inequalities and improve working live in academia, and to manifest humanistic values regarding social and ecological responsibility, justice and sustainability. The focus here will be on the critical division, drawing on critical social theory and related traditions in other fields, such as Critical Management Studies, for a radical critique of inequalities, power structures, and biasing ideologies. Reviewed are constitutive publications that have appeared, among others, in the association’s flagship journal, including a heated debate on the role of neoliberal ideology in work and organizational psychology, and a manifesto for the future of the field, specifying stakeholders and responsibilities. The founding of the network is traced back to an EAWOP Small Group Meeting (SGM) in Breda in 2018. Another milestone was the EAWOP congress in Turin (Italy) in 2019, where a full-day pre-conference workshop (FoWOP-day) and a panel discussion were organized. A subsequent hiatus of more than two years due

to the pandemic was bridged by virtual events. Finally, after being postponed twice, both the first I-CROP Conference on Critical and Radical Humanist Work and Organizational Psychology in Innsbruck and the second EAWOP-FoWOP SGM in Brussels were convened successfully last year. The speaker was part of the organizing committees of both events and will share main themes, insights, and lessons learned. The talk will close with an outlook on future activities, for instance, at the upcoming EAWOP conference, and encouragement to get involved in this emerging movement.

Dr. Oktoviano Gandhi



National University of Singapore

Dr. Oktoviano Gandhi obtained a Master of Physics degree from the University of Oxford, United Kingdom, in 2015, and a Ph.D. from the National University of Singapore (NUS) in 2019. He currently serves as a Research Fellow at the Solar Energy Research Institute of Singapore, NUS. His research in solar energy has resulted in more than 40 highly-cited international publications. Okto is the editor of “Sustainable Energy Solutions for Remote Areas in the Tropics”, a book published by Springer Nature. Okto is also a co-founder of Alva Energi, an Indonesian solar energy contractor and consultancy. Currently, Dr. Okto is the Scientific Board Member at Research Synergy Foundation and a Managing Editor at Research Synergy Press for an international journal named "Logistic and Operation Management Research (LOMR)".

Summary of Speech

Topic: Multidisciplinary Research in Solar Energy

Climate change is arguably the world’s most pressing problem. So far, we have experienced a 1.0°C increase in temperature compared with the 20th century. Should our “business-as-usual” approach continues, we are likely to see a temperature increase of up to 3.5°C by 2100, which will cause irreversible destructions and make many places unlivable. Solar energy is one of the most promising and the most cost-effective way of generating renewable electricity. To accelerate the deployment of solar energy and therefore the world’s decarbonization, scientists all over the world have been researching all aspects of solar energy. The research spans many disciplines from the engineering aspects of solar cells, the aesthetic designs that make solar panels more acceptable to the masses, to economics and policies that will make incentivize further deployment of solar energy. The speech introduces what solar energy is and its potential to solve climate change, the various research that is going on in the field, as well as the progresses that have been made in the past decade and the way forward.

Thomhert Suprpto Siadari, Ph. D.



AI Research Center, DDH Inc. Seoul, Rep. Of Korea

Thomhert Suprpto Siadari works as a Principal Artificial Intelligence (AI) researcher at DDH Inc., Seoul, Republic of Korea from 2020. He conducts the research and development on dental healthcare applications using AI ranging from the recognition, object detection, and segmentation tasks. He received his B.S. degree in

Telecommunication Engineering from Telkom University, Bandung, Indonesia, in 2011, and his Master of Engineering (M.Eng.) in IT convergence engineering from Kumoh National Institute of Technology, Gumi, Republic of Korea, in 2013. From 2013-2015, Dr. Siadari worked at Pangaea Solutions, Daejeon, Republic of Korea as an embedded system engineer. He received his PhD in Information Communication Technology (ICT) from the ETRI School, University of Science & Technology, Daejeon, Republic of Korea in 2020. His main research interests include artificial intelligence, deep learning, machine learning, computer vision, and medical healthcare applications.

Summary of Speech

Topic: Revolutionizing Dentistry with Artificial Intelligence

Artificial intelligence (AI) becomes increasingly important in dentistry as it offers numerous benefits that can improve the quality of dental care and make it more accessible to patients. One of the key advantages of AI in dentistry is its ability to analyze vast amounts of data and provide accurate and actionable insights. For example, AI-powered dental imaging systems can quickly analyze 2D X-ray panoramic images and cephalometric images providing dentists with a comprehensive understanding of a patient's health. This information is used to make accurate diagnoses, predict future dental problems, and create effective treatment plans. In addition to improving diagnostic accuracy, AI can also assist dentists in performing procedures more efficiently. For example, AI-powered tools can help dentists with the placement of dental implants, the design of custom dental prosthetics, and the creation of 3D models of a patient's teeth. This not only improves the accuracy and precision of the procedures but also reduces the amount of time. In this talk, I will start introducing brief descriptions of digital dentistry, and then discussing the efforts and innovations in implementing AI for dental healthcare: what AI can do, what data type used in experiments, how much the progress, and what the challenges are.

SESSION CHAIRS



Dr. Joycelyn S. Dayrit

Holy Angel University, Phillipines

Dr. Dayrit is experienced in Education and Corporate Consultancy with a demonstrated history of working in the education management industry. She has a Bachelor of Science in Commerce (BSC) major in Business Administration degree from the University of Santo Tomas and Post graduate degrees at Angeles University Foundation, Phillipines. She is writing her Dissertation for her second doctorate in BA at the University of the Visayas.

She is a Guest Lecturer at Holy Angel University (Angeles City), City College of Angeles (Angeles City), Northwestern University (Laoag City), University of the Visayas (Cebu City), and Our Lady of Fatima University (Valenzuela City) Phillipines. She was the Programme Consultant for Families for Tomorrow Services, Business development consultant for F Mag Singapore, and Project Consultant for Global Professional Advancement and Biz Ed Learning Solutions Phillipines.

She is also an Accredited Reviewer for Junior Achievement Phillipines for RMP and RBP and is a Member of the (RQAT) Regional Quality Assessment Team of the Commission on Higher Education Region 3. She is the corporate secretary of (PREO) Pampanga Research Organization. Dr. Dayrit is a Blind Peer Reviewer in five International Journals and three local journals. She has a Scopus-indexed journal publication on Work-life balance and Employee engagement. Her recent publication is on Risk Management and Business Continuity Planning.



Dr. Mageswari Ranjanthran

Sunway University, Malaysia

Dr Mageswari Ranjanthran is a professional marketer with significant experience in leading corporate marketing and internal communications for multimillion-dollar companies across diverse industries for several years before she chooses to enter the academia. She is experienced in academic and consultancy research, from the development of the new ideas to problem-solving, conceptual and content development with a competitive advantage. She has a proven ability in leading record-high marketing campaign response rates and had executed successful product launches. She has over a decade lecturing experience, mainly in the areas of tourism, innovation and marketing-related subjects. Dr Mageswari had obtained inter-disciplinary degrees in Communication, Tourism Development and Tourism Planning/

Sustainable Tourism Development, and conducted research for her PhD in revisit intention of European tourist to visit Malaysia focused on the holistic image of Malaysia from psychological aspects of European tourists and environmental quality with experience in mediating effects. Presently, her research interest focuses on tourism marketing, holistic well-being, healthy ageing and small-scale sports events tourism. She is a certified trainer for Global e-commerce Talent (GET) from Alibaba Business School. Currently, she is pursuing her Master's in Postgraduate Certificate in Academic Practice from Lancaster University. She is the Principal Researcher for Healthy Ageing and part of the academic research team for Future Cities Research Institute with Lancaster University.



Dr. Jennifer H. Operio, LPT

Holy Angel University, Phillipines

Dr. Jennifer H. Operio, LPT is a holder of doctorate degree in Business Administration from one of the leading universities in the Philippines and a licensed professional teacher. She is an educator with more than 23 years of teaching experience to undergraduate and graduate students in different universities in the country and abroad. As an administrator she re-engineered and revolutionized the entire business

department towards better academic performance of an extended campus of one university in the country. She also established functional procedures and linked the department to an international practicum exposure.

As a Head of Department in an international university, she became the “brainchild” of two community projects. Before joining the academe, she held various positions in several industries as Financial Accountant, Bookkeeper, Internal Auditor, Junior Business Analyst of a leading bank and Executive Secretary.



Dr. Abdul Aziz Lai Bin Mohd Fikri Lair

Universiti Teknologi MARA (UiTM), Malaysia

Abdul Aziz Lai Bin Mohd Fikri Lair is a senior lecturer from the Faculty of Business and Management UiTM Sabah Branch, Malaysia, specialize in the field of Economics and Finance. He graduated from Universiti Teknologi MARA (UiTM) Malaysia with a Bachelor Degree of Business Administration (Honors) Business Economics in 2014 before further his post-graduate studies by research in Finance and

International Trade in the same university in 2015.

He completed his PhD in October 2018 with a thesis entitled “A Segregation Analysis of Malaysia’s International Trade Pattern” and awarded with Graduate on Time (GOT) award. During his post-graduate journey, he published several articles and presented in several international conferences where he was awarded with Best Presenter in ABRM 6th International Trade and Academic Research Conference, London, England and Overall Best Paper Award in 2nd Advances in Business Research International Conference, Langkawi, Malaysia.

He is currently attached to the Department of Research, Industrial Linkages, Community and Alumni Network and he is the Head of Unit for the Industrial Linkages, Community and Alumni of UiTM Sabah Branch, Malaysia.



Dr. Rovena I. Dellova, DEM

Lyceum of the Philippines University, Phillipines

Dr. Wheng Dellova is a licensed teaching professional who is eager to provide education based on real-life examples and innovative learning styles. She is a graduate of Bachelor in Business Education, Masters in Business Education and Doctor in Education Management from Polytechnic University of the Philippines. She has served various food and restaurants industry where she manages to be able to multitask, build rapport with staff and customers. She also was able to serve hotel schools as part of the management team where she developed courses designed to run various trainings. She also joined the academe in various schools and universities in undergrad and Graduate School where she wholeheartedly shares her passion in teaching specializing on Tourism and Hospitality, Education, Management, and Research.

Currently, she has been serving as a lecturer since 2007 at Lyceum of the Philippines University at the College of International Tourism and Hospitality Management and has strong interest to accomplish her research studies in Tourism and Hospitality, Business Education and Management.

SESSION CHAIRS



Dr. Alam Zeb Khattak

International Islamic University, Islamabad, Pakistan

Dr. Alam Zeb Khattak is currently engaged as Research Scholar Dept. of Psychology International Islamic University Islamabad Pakistan. He has Doctorate in Psychology from International Islamic University Islamabad and master of Philosophy in Psychology with distinction from Preston University and having Post graduate Diploma in Criminology from Allama Iqbal Open University. He has experience in research in multiple areas including Organizational Psychology, Clinical Psychology, Criminology, extremism, substance abuse and psychological testing. He has published number of articles in the mentioned areas in different research journals and presented in national and international conferences. He has also worked as expert reviewer in different national and international journals including Armed Forces Medical Journal, Global Journal of Psychology, Int Research Journal of Science and Technology etc. He is member of the scientific review committee of Research Synergy Foundation (RSF). Research articles of Dr. Alam Zeb Khattak can be seen in different well reputed journals like PLOS one, Journal of Substance Abuse, Pakistan Journal of Psychological Research, International Journal of Creativity and Change etc. Currently Dr. Alam is working on Islamic Psychology, the emerging area of Psychology. Dr. Alam is actively involved in different national and international academic societies like Pakistan Psychological Association, Pakistan Psychological Society, International Society of Substance use Professionals (ISSUP), The World Association of Scientists and Professionals (TWASP), Australian & New Zealand Mental Health Association and British Council for Complementary Therapies.



Dr. Xin Jean Lim

Universiti Kebangsaan Malaysia

Dr. Xin-Jean Lim received her doctorate degree from Universiti Putra Malaysia (UPM). Currently, she worked as a lecturer in Xiamen University, Malaysia. She is also a tutor for data analysis in business research methods in UPM for postgraduate and undergraduate students. Her research interests include consumer behaviour, social media marketing, online marketing and customer relationship management. Her papers are published in Journal of Retailing and Consumer Services, Industrial Management and Data Systems, British Food Journal, Marketing Intelligence and Planning, Young Consumers and Asia Pacific Journal of Marketing and Logistics.



Mr. Vahid Norouzi Larsari

Charles University, Prague, Czech Republic

Vahid is currently a Ph.D. Candidate in Education Program, Charles University, Prague, department of pre-primary and primary education, and is working as a reviewer for international Journals in the field of education, literacy, and English language teaching. He has been involved in English Language Teaching (ELT) since 2002. He has chaired international conferences in his resume. His main areas of research interest include assessment in education and English language teaching, literacy, and technology in education. He has published over 35 journal articles and 7 books and participated in international conferences over 30 conferences in the field of education. He is a reviewer team member of several scientific journals in the area, including the International Journal of Education and Literacy Studies (IJELS) and Computer-Assisted Language Learning (CALL). He is a Fellow with a demonstrated history of conducting empirical studies, including quantitative, qualitative, and mixed-methods studies in higher education.



Dr. Soliha Sanusi

National University of Malaysia, Malaysia

Soliha Sanusi is a Senior Lecturer at the Faculty of Economics and Management under the Centre of Global Business and Digital Economy studies, Universiti Kebangsaan Malaysia (UKM). She is a Chartered Accountant (CA) of the Malaysian Institute of Accountants (MIA) and obtained her Ph.D. from the Universiti Teknologi MARA Malaysia in 2019. She was SLAB/SLAI scholarship recipient for her MBA and PhD studies. Her research interests are in the areas of direct tax, indirect tax, financial criminology, small-medium enterprises, cash waqf, mixed-method, and public sector accounting. She has published and presented her research work in various conferences and journals. She is also a reviewer for Management & Accounting Review, Asian Academy of Management Journal of Accounting & Finance, and a few more journals.

SESSION CHAIRS



Dr. Sheila S. Dalumpines

St. Vincent's College Incorporated, Philippines

Sheila Soledad Dalumpines is currently a Graduate School Faculty of Instruction handling Organization and Development, Human Resource Management, and Marketing Management courses of the Master in Business Administration Program at the same time the Director of the Center for Research and Development of St. Vincent's College Incorporated. She has strong foundation in teaching human resource, hospitality, marketing management and research. She holds a doctorate degree in Business Administration from St. Paul University - Dumaguete, masters' degree in Business Administration at St. Vincent's College, and Tourism and Hospitality Management at College of the Holy Spirit – Manila. She finished her bachelors' degree in Nutrition and Dietetics at Silliman University and Hotel and Restaurant Management at St. Vincent's College Incorporated. She is a Certified Hospitality Professionals (CHP) given by the Institute of Tourism and Hospitality Professionals (ITHP) of the United Kingdom and a licensed Nutritionist – Dietitian.

Currently, she was appointed as member of the Regional Quality Assessment Team (RQAT) in Hospitality Management by the Commission on Higher Education. She is a National Master Trainer in Food & Beverage Services NC II. Moreover, she is active in pastoral apostolate serving as member of the Ministry of Lectors of the St. Anthony de Padua Parish Church of Gulayon, Dipolog City and Couples for Christ Ministry, Philippines.



Prof. Dr. Joseph G. Refugio

St. Vincent's College Incorporated, Philippines

Dr. Joseph G. Refugio serves as Dean of the College of Business Education of St. Vincent's College Incorporated. Diplomate in Business Education conferred by the Philippine Academy of Professional in Business Education, Certified Hospitality Professionals and a recipient of the Australian Leadership Fellow in Brisbane, Australia.

Obtained his Doctorate degree in Management from University of San Jose Recoletos. Finished his Master in Business Administration, BS in Commerce major in Accounting, BS in Secondary Education major in Mathematics and BS in Hotel and Restaurant Management at St. Vincent's College Incorporated.

He was one of the presenters of the Passage to ASEAN Assembly in Temasek Polytechnic University, Singapore, visiting lecturer at Asian Institute of Cambodia, Kingdom of Cambodia and an International Speaker at Poletiknik Piksi Ganesha, Bandung, Indonesia.

Recently, he was appointed as evaluator of the papers for the Pathways to Refereed Journal Publication Training in the field of Business in Polytechnic University of the Philippines and appointed as member of the Regional Quality Assessment Team in Business Education.

Currently, served as an elected National President of the Philippine Council of Deans and Educators in Business, Vice President of the Passage to ASEAN Philippine Chapter and Board of Director of the Professors World Peace Academy – Philippines.



Dr. PD Mahendhiran

Sri Krishna College of Engineering & Technology, India

Dr. PD Mahendhiran is a Ph.D. recipient in Information and Communication Engineering, from Anna University, Chennai in 2022, Master of Technology in Information Technology in 2011 from Anna University of Technology, Coimbatore, Bachelor of Engineering in Computer Science and Engineering in 2009 from Muthayammal Engineering College, Rasipuram, Affiliated to Anna University Chennai. His area of interest is sentiment analysis, Data Analytics and computer vision, Neural Networks and Machine Learning. Dr. PD Mahendhiran has contributed 15+ technical papers in SCI/SCOPUS and other international journals and 10+ papers in various international conferences. Currently acting as Reviewer in various reputed journals and Conferences. Dr. PD Mahendhiran is presently working as an assistant professor in the Department of Computer Science and Business Systems in Sri Krishna College of Engineering and Technology, Coimbatore, Tamilnadu, India.



Dr. Reshma V. K.

Sri Krishna College of Engineering and Technology, India

Dr. Reshma V. K. finishes the Information and Computer Engineering, from Noorul Islam Centre for Higher Education in 2021, Master of Engineering in Software Engineering in 2012 from Sri Ramakrishna Engineering College, Coimbatore, Bachelor of Technology in Information Technology in 2010 from P.S.R Engineering College, Sivakasi, both affiliated to Anna University Chennai. Her area of interest is Image Processing, Steganography, Neural Networks, and Machine Learning. Dr. Reshma has contributed 20+ technical papers in SCI/SCOPUS and other International journals and 10+ papers in various international conferences. Dr. Reshma has published more than 5 patents in her field of Expertise and also focused on Multidisciplinary areas. Currently Acting as Reviewer, Editor in Various Journals and Conferences. Dr. Reshma is presently working as an Assistant Professor in the Department of Computer Science and Engineering in Jawaharlal College of Engineering and Technology, Lakkidi, Palakkad, Kerala, India.



Dr. Eva Lim Wei Lee

UCSI University, Malaysia

Dr Eva Lim is currently an assistant professor at the UCSI Graduate Business School, UCSI University, Malaysia, with 15 years of teaching and research experience. Dr Eva Lim's research interests include entrepreneurship, entrepreneurial opportunity recognition, entrepreneurial intention, entrepreneurial education, technology acceptance, and mobile technology. To date, she has published papers in international refereed journals indexed by Web of Science, and/or Australian Business Deans Council (ABDC), and/or Chartered Association of Business Schools (CABS) and/or Scopus. Extending from her research work, Dr Eva Lim is actively engaged in various research projects, securing research funding from organisations and government bodies.

Among the areas of research includes agropreneurs in smart farming, digital economy among micro-businesses, and crisis leadership. Aside from research, Dr. Eva Lim is engaged in thesis supervision, mentoring, and judging business plan competitions.



Dr. Chong Kim Mee

Graduate School of Business, SEGi University, Malaysia

Dr Chong Kim Mee graduated with her Doctor of Philosophy in Business Management (Finance) from University Malaysia Sarawak (UNIMAS). She is the programme leader and also the postgraduate lecturer in Graduate School of Business, SEGi University. She was the Chairperson for SEGi International Conference of Business, Environment, Sustainability and Technology, SiBEST 2022 Conference together with her organizing committee this year. Besides being an academician, she is also a certified trainer registered with the Human Resource Development Fund (HRDF). Her areas of specialisation include financial planning, financial management, estate planning, investment planning and retirement planning, as well as research methodology. As a trainer and facilitator, she infuses her trainings with sincerity and dynamism. To her, training is crucial for individuals and corporate to stay relevant in the competitive arena. She has produced several research papers and her work has been published in indexed academic journals.

Dr Chong Kim Mee is the Financial Advisor (FA) approved by Securities Commission Malaysia and Bank Negara Malaysia. She is a Licensed Financial Planner (LFP) with Certified Financial Planner (CFP) from Financial Planning Association of Malaysia (FPAM) and also a Registered Financial Planner (RFP) from Malaysian Financial Planning Council (MFPC). She has a dynamic career background with work experience in the oil and gas, banking, shipping, and education industries before joining SEGi University. With her former working experience with Petronas Carigali Sdn Bhd and Public Bank Berhad, she is keen to serve with her expertise. In addition, she has conducted various research under the Ministry of Higher Education Malaysia research grant while lecturing in multiple colleges and universities in the region. Over the past decade, she has taught hundreds of learners in the finance, management and research field.



Assoc. Prof. Dr. Shee Yu Gang

Universiti Tunku Abdul Rahman, Malaysia

Dr Shee Yu Gang had been serving as an academician in Universiti Tunku Abdul Rahman and University of Malaya for 18 years. He had been involved in 12 research projects as principal investigator and co-researcher, supervising post graduate research students and published more than 40 journal and conference papers. His research interest is in nonlinear optics, radio over fiber communication system, microwave photonics filter and photonics sensors. He is also serving the industry for technical training programs in the area of fiber optic installations and data communications. Dr Shee is a Chartered Engineer registered with the Engineering Council, graduate engineer registered under the Board of Engineers Malaysia (BEM) and member of the Institution of Engineering and Technology (IET). He is also Senior Member of the Institute of Electrical and Electronics Engineers (IEEE), and The Optical Society (OPTICA).



Dr. Hazrina Mansor

Universiti Teknologi MARA (UiTM), Malaysia

Dr Hazrina Mansor is currently a senior lecturer in Universiti Teknologi MARA (UiTM) Malaysia. She obtained her Bachelor's degree in Civil Engineering from Universiti Teknologi MARA (UiTM), Malaysia in 2007. She received a Master's degree in Bridge Engineering and PhD in Structural Engineering specializing in Progressive Collapse Design for Steel Structure from the University of Surrey, United Kingdom in 2008 and 2015 respectively. She has been serving UiTM since September 2015 as a senior lecturer at the Faculty of Civil Engineering. In Faculty, she is responsible as the Audit and Accreditation System Coordinator. She was appointed as the Head of Quality Management Unit for the School of Civil Engineering in 2021, when the Faculty of Civil Engineering merged as a College Engineering. Later, in 2021, she was appointed and entrusted to lead the College of Engineering as the Head Auditor and Head of Mock Accreditation. She is also panel for Engineering Technology Accreditation Commissions. Furthermore, she also actively involved in national and international innovation competitions and has received several awards based on her research outputs. Aside from academia, she regularly invited to give talks and seminars to practicing engineers in the industry and government sectors especially with the Malaysia Public Works Department in the field of bridge engineering and finite element modelling and simulation. She was also invited as a speaker for the 1st International Timber and Bamboo Sharing Session Webinar between Indonesia and Malaysia. She is also an active reviewer for the World of Science (WOS) Journal such as Journal of Building Engineering, Journal of Construction Steel Research and few more. Her research interest includes steel structures, tall Building, modular structure, finite element method, progressive collapse, bamboo structures and fire escape plan for tall building.

CONFERENCE PROGRAM Day 1

Tuesday | February 14th, 2023

https://icmrsi.com/		<p>Organized by</p>   <p>Co-Host</p>  
<p>CONFERENCE PROGRAM 2nd International Conference on Multidisciplinary Research for Sustainable Innovation (2nd ICMRSI) VIRTUAL CONFERENCE: February 14-15, 2023</p>		
<p><i>Tuesday, February 14, 2023</i></p>		
<i>Time (UTC+7)</i>	<i>Dur'</i>	<i>Activity</i>
Main Room		<p><u>Link Zoom for 2nd ICMRSI</u> <u>https://bit.ly/2ndICMRSI</u></p> <p><u>Meeting ID: 865 3104 5515</u> <u>Passcode: 2ndicmrsi</u></p>

8:50	-	9:00	0:10	Participant Login and Join Virtual Conference by ZOOM
9:00	-	9:10	0:10	Welcome Address and Conference Publication Announcement by MC
9:10	-	9:25	0:15	Welcome Remarks and Opening Speech Prof. Ir. Sri Astuti Indriyati, MS., Ph.D. Conference Chair of 2nd ICMRSI Rector of Universitas Persada Indonesia Y.A.I
9:25	-	9:40	0:15	Opening Speech Prof. Dr. Engr. Yudi Yulius, MBA Foundation's President & Coordinator of the Y.A.I Private Institution of Higher Education
9:40	-	9:55	0:15	Global Research Ecosystem Introduction Dr. Hendrati Dwi Mulyaningsih Co-Conference Chair of 2nd ICMRSI Founder & Chairperson of Research Synergy Foundation
9:55	-	10:35	0:40	Keynote Speaker 1: Dr. Phil. Idhamsyah Eka Putra Persada Indonesia University and Director in the Division for Applied Social Psychology Research (DASPR) Co-Keynote Speaker: Yuliana Hanami, Ph.D Faculty of Psychology, Universitas Padjadjaran Topic: Academic Publications and Technology: Pros & Cons in Indonesia
10:35	-	10:40	0:05	Token of Appreciation for Keynote Speaker 1

10:40	- 10:45	0:05	E-Group Photo
10:45	- 10:55	0:10	Announcement and preparation of Online Parallel Presentation Session
Online Presentation DAY 1 Session 1 (Breakout Room 1, 2, 3, 4, 5, 6)			
10:55	- 11:05	0:10	Session Chair Introduction at each parallel breakout rooms. Breakout Room 1: Dr. Joycelyn S. Dayrit - Holy Angel University, Phillipines Breakout Room 2: Dr. Xin Jean Lim – Universiti Kebangsaan Malaysia Breakout Room 3: Dr. Jennifer H. Operio, LPT – Holy Angel University, Phillipines Breakout Room 4: Dr. Abdul Aziz Lai Bin Mohd Fikri Lai - Universiti Teknologi MARA (UiTM), Malaysia Breakout Room 5: Dr. Hazrina Mansor - Universiti Teknologi MARA (UiTM), Malaysia Breakout Room 6: Dr. Rovena I. Dellova - Lyceum of the Philippines University, Phillipines
11:05	- 12:20	1:15	Online Presentation Session, maximum 5 presenters 15 minutes/presenter
12:20	- 12:30	0:10	Awarding Certificate of Presentation, Testimonial, and Post-conference information announcement

12:30	- 13:25	0:55	Lunch Break (Video played: University Profile and Program of UPI Y.A.I; Research Synergy Foundation Profile; 2nd ICMRSI Agenda & Sessions)
Main Room			
13:25	- 14:05	0:40	Keynote Speaker 2: Professor Dr. Severin Hornung Institute of Psychology of the University of Innsbruck, Austria. Co-Founder of Innsbruck Groupon Critical Research in Work and Organizational Psychology (I-CROP) Topic: Transforming Work and Organizational Psychology: Research(ers) for Social Justice and Sustainability
14:05	- 14:10	0:05	Token of Appreciation for Keynote Speaker 2
Online Presentation DAY 1 Session 2 (Breakout Room 1, 2, 3, 4, 5, 6)			
14:10	- 14:20	0:10	Session Chair Introduction at each parallel breakout rooms. Breakout Room 1: Dr. Alam Zeb Khattak - International Islamic University, Islamabad, Pakistan Breakout Room 2: Dr. Mageswari Ranjanthran – Sunway University, Malaysia Breakout Room 3: Dr. Joycelyn S. Dayrit - Holy Angel University, Phillipines Breakout Room 4: Dr. Chong Kim Mee - Graduate School of Business, SEGi University, Malaysia Breakout Room 5: Dr. Hazrina Mansor - Universiti Teknologi MARA (UiTM), Malaysia

			Breakout Room 6: Mr. Vahid Norouzi Larsari - Charles University, Prague, Czech Republic
14:20	- 15:35	1:15	Online Presentation Session, maximum 5 presenters 15 minutes/presenter
15:35	- 15:45	0:10	Awarding Certificate of Presentation, Testimonial, and Post-conference information announcement
15:45	- 16:00	0:15	Short Break and Back to Main Room for 2nd ICMRSI DAY-1 Closing Ceremony
Main Room			
16:00	- 16:15	0:15	Awarding Ceremony DAY 1 Best Presentations Session Chairs
16:15	- 16:20	0:05	Closing Remarks Dr. Choirul Anwar SE, MBA, MAFIS, MCIS, Ak, CA, CPA, CSRS, CSRA, CPI Director of International Office of UPI Y.A.I

LIST OF PRESENTERS Day 1

Tuesday, February 14th, 2023

Session 1

Breakout Room 1		
Session Chair: Dr. Joycelyn S. Dayrit - Holy Angel University, Philippines		
Track Psychology		
Paper ID	Presenter	Paper Title
MSI23106	Emmanuel Taru Guritna	Factors Affecting on Employees of Construction BUMN Owned Companies
MSI23139	Sri Budhi Setyaningsih	The Effect of Work Stress on Work Engagement for Police Members who are Carrying Out Police Operational Duties
MSI23185	Arneliza Anwar	Development of the Smart Systematic Curriculum (Smart SC) in Smart Applied Behavior Analysis (Smart ABA) to accelerate the improvement of skills and abilities of people with autism.
MSI23186	Rudy Sutadi	Development of Smart Incidental Teaching (Smart IT) procedures in the Smart Applied Behavior Analysis (Smart ABA) teaching session to improve the verbal abilities of people with autism.

Breakout Room 2		
Session Chair: Dr. Xin Jean Lim - Universiti Kebangsaan Malaysia		
Track Management		
Paper ID	Presenter	Paper Title
MSI23109	Uus Uswatun Hasanah	Determining the Illegal Waste Disposal in Coastal Area using Transect Walk Approach
MSI23118	Ayu Esteka Sari	Increasing Competitive Advantage Tourism (CAT) Based on Natural Resources
MSI23144	Apryanus Fallo	Actors Shaping Behavior to Quit Smoking

MSI23147	Mariano Firmansyah	Family Support as a Mediator of Relationships Between Proactive Personality and Entrepreneurial Self-Efficacy Toward Students' Entrepreneurial Interests in Kupang City
MSI23127	Hedwigh Hendrikus Temai Lejap	Determinants of Saving Behaviour of Undergraduate Students in Nusa Tenggara Timur

Breakout Room 3

Session Chair: Dr. Jennifer H. Operio - Holy Angel University, Philippines

Track Humanities

Paper ID	Presenter	Paper Title
MSI23119	Tery Setiawan	The Short Version of Wealth Portfolio Index of Indonesian Slum-dwellers
MSI23120	Mohammad Herli	The Impact of Website-based Intellectual Capital Disclosure on Indonesia's Local Government Performance
MSI23121	Dwi Kencana Wulan	Does The Way We Dress Affect Our Cognitive Capacity? A Brief Replication of Encloded Cognition Experiment in Indonesia
MSI23131	Mariewentty Clarmel Ruhunlela	The Meaning of Determination Technology Through Social Media on Farmers in Saparua Village, Central Moluccas Regency, Moluccas Province
MSI23132	Bambang Susilo	Technology Dissemination of Beef Processing Machines into Meat Floss to Improve the Pinogu Economy

Breakout Room 4

Session Chair: Dr. Abdul Aziz Lai Bin Mohd Fikri Lai - Universiti Teknologi MARA (UiTM), Malaysia

Track Economics

Paper ID	Presenter	Paper Title
MSI23133	Gaudensius Djuang	The Influence of Memorable Tourism Experiences and Nostalgia on Revisit Intention at Tourist Attraction That Have Been Transformed: Tedis Kupang Beach

MSI23135	Maria Imakulata Pongge	Multiple Roles of Women Heads of Family in Increasing Family Income Through TITI Corn Management in Kolipadan Village, ILE APE District, Lembata Regency
MSI23148	Lambas Panggabean	Technology Foresight in Indonesia: Developing Scenarios to Determine Electrical Vehicle Research Priority for Future Innovation
MSI23149	Maria Binti Romeli	Perspectives on Implementation of Moratorium during Pandemic in Malaysia
MSI23128	Beatrix Yunarti Manehat	Pestel Analysis of the Use of E-Commerce in Food SMEs in Kupang City, NTT-Indonesia

Breakout Room 5

Session Chair: Dr. Hazrina Mansor - Universiti Teknologi MARA (UiTM), Malaysia

Track Civil Engineering

Paper ID	Presenter	Paper Title
MSI23207	Dwi Dinariana	Life Cycle Cost Analysis (LCCA) of the LRB Application for Import Products and Indonesia's National Production in Earthquake-Resistant Buildings
MSI23169	Suwito Suwito	A Case Study on the Implementation of Lead Rubber Bearings in the Design of Precast Concrete Bridge Pier
MSI23197	Gambiro	Design and Production of Lead Rubber Bearings for Earthquake Absorbers
MSI23171	Suwito	Finite Element Modeling of Flatpack Modular Steel Building Loaded with Quasi-static Cyclic Loading
MSI23178	Suwito	Quasi-static Cyclic Loading Test on Flatpack Modular Steel Building

Breakout Room 6**Session Chair: Dr. Rovena I. Dellova - Lyceum of the Philippines University, Philippines****Track Education**

Paper ID	Presenter	Paper Title
MSI23221	Denik Ristya Rini	Innovation to Learn Identify Animals with The Storytelling Method Using an Illustrated Flashcard Based on Augmented Reality
MSI23137	Aina Suriani Mahmood	Mayday! Mayday! What Critical Communication Skills are Needed for Young Aviators?
MSI23146	Irmayanti	Exploration of Mathematical Concepts in the Katto-Katto Game
MSI23175	Nur Hafiqa Suria Hani Abdullah	Review Paper: Academagogical Approach That is Suitable for the Development of Educators' Competencies in Education 4.0 in Malaysia

Track Economics

Paper ID	Presenter	Paper Title
MSI23143	Beatrix Yunarti Manehat	Reviewing the Accounting Bookkeeping System in the Tradition of "Kumpul Keluarga" in the Province of East Nusa Tenggara, Indonesia

Tuesday, February 14th, 2023**Session 2****Breakout Room 1****Session Chair: Dr. Alam Zeb Khattak - International Islamic University, Islamabad, Pakistan****Track Psychology**

Paper ID	Presenter	Paper Title
MSI23176	Arneliza Anwar	Development of Smart ABA Shadow for Transition of People with Autism from Teaching Room to Regular School

MSI23204	Rudy Sutadi	Development of BALS Rating Chart into Smart SCB-FDI Evaluation for identification and elimination of foods that have a negative effect on people with autism in Smart Biomedical Intervention Therapy (Smart BIT)
MSI23177	Arneliza Anwar	Development of Smart Discrimination Training (Smart DT) from Discrimination Training (DT) to teach and train people with autism to master various abilities in Smart Applied Behavior Analysis (Smart ABA)
MSI23181	Arneliza Anwar	Development of Smart Escalation Prompt (Smart EP) to improve the ability of people with autism in the Labeling, Reading, and Answering Verbal Programs in the implementation of Smart Applied Behavior Analysis (Smart ABA).
MSI23184	Rudy Sutadi	Development of Smart Shaping to accelerate the ability to Words Imitation for people with autism in Smart Applied Behavior Analysis (Smart ABA) implementation.
MSI23183	Rudy Sutadi	Development of Smart Speaking and Reading (Smart SnR) Systematics in implementing Smart Applied Behavior Analysis (Smart ABA) to accelerate speaking and reading abilities for people with autism.

Breakout Room 2

Session Chair: Dr. Mageswari Ranjanthran - Sunway University, Malaysia

Track Management

Paper ID	Presenter	Paper Title
MSI23216	Stefanie E. Burin	The Influence of Women's Leadership and Organizational Culture on the Performance of Employees of the One Stop Investment and Services Office in Kupang City with Organizational Commitment as Intervening
MSI23141	Antoni Anwar	Analysis of Implementation of Risk Control Self Assessment (RCSA) in Minimizing Potential Risk in the Future at KB Bukopin Syariah Bank
MSI23153	Lies Maisaroh,S.M	The Influence of The Implementation of The Green School Program and Organizational Culture on Job Satisfaction and Environmentally Friendly Behavior of Vocational School Teachers
MSI23157	Christu Raja	To Accept or Not to Accept? The Impact of Lay Belief about AI on Acceptance of Algorithmic Recommendation
MSI23164	Eka Rakhmat Kabul	Analysis of the Role Human Resource Management in Service Quality Using the QFD Matrix Approach Integrated with Servqual and Kano Model

Breakout Room 3**Session Chair: Dr. Joycelyn S. Dayrit - Holy Angel University, Philippines****Track Humanities**

Paper ID	Presenter	Paper Title
MSI23158	Atmoko Nugroho	Analysis of Spotify Top Songs During COVID-19 Pandemic
MSI23155	Susi Yunarti	Student Perception of Tax Awareness Dissemination Through Social Media
MSI23151	Nurina	Increasing Tourism Potential Through Improving HR and Digital Marketing Capabilities Tourism Awareness Groups (POKDARWIS) in Untung Java Islands, Thousand Islands
MSI23180	Michelle Van Eusebio Sison	Practices, Challenges, and Lessons Learned in Selected Resorts and Hotels in the Province of Zambales: Basis for Sustainable Operations
MSI23230	Anak Agung Ayu Oka Saraswati	Pleasure Sensation on Feet Cooling with Thermal Comfort in a Porus Walled Room

Breakout Room 4**Session Chair: Dr. Chong Kim Mee - Graduate School of Business, SEGi University, Malaysia****Track Economics**

Paper ID	Presenter	Paper Title
MSI23134	Setiawati	The Role of Green Finance, Direct Foreign Investment, and Per Capita Income in Increasing Economic Growth: Empirical Evidence in Indonesia
MSI23227	Emiliana Martuti Lawalu	The Use of Village Funds as an Effort to Handle Stunting (Noelbaki and Oelnasi Village of Kupang Regency Case Study)
MSI23142	Benny	Determinants of Sharia Bank Financing Portfolio in Indonesia
MSI23211	Adrianus Ketmoen	Analysis of the Influence of Agent Management, Trust, Usefulness, and Risk on the Use of BRILINK Services in the Oepura Unit
MSI23201	Rizky Fadillah Hidayat	Fraudulent Financial Statements and Firms Value Politically Connected (Based on Fraud Diamond)

Breakout Room 5**Session Chair: Dr. Hazrina Mansor - Universiti Teknologi MARA (UiTM), Malaysia****Track Civil Engineering**

Paper ID	Presenter	Paper Title
MSI23179	Suwito	Finite Element Modeling of Mobox Connection of Modular Steel Building Loaded with Quasi-static Cyclic Loading
MSI23224	Martinus Nifotufu Fau	Application of the Indonesian National Production Base Isolation LRB System in Building
MSI23228	Hari Nugraha Nurjaman	Planning and Implementation of the Flatpack Modular System in Construction Worker Residents in the Indonesian National Capital

Track Architecture and Design





Paper ID	Presenter	Paper Title
MSI23187	Sitti Wardiningsih	Optimization of the East Flood Canal Boundary as a Public Green Open Space
MSI23220	Abdul Mannan	Architectural Sustainability of an Achmad Noe'man's Mosque Design

Breakout Room 6**Session Chair: Mr. Vahid Norouzi Larsari - Charles University, Prague, Czech Republic****Track Education**

Paper ID	Presenter	Paper Title
MSI23209	Maria Regina Jaga	The Social Factors That Influence Children's Interactions and Children's Behavior in Classroom Settings
MSI23225	Udin Tusminurdin	Determinants of Digital Skills in Improvement of Vocational School Teachers' Performance: Evidence from Indonesia
MSI23172	Susilo Tri Widodo	Study Program Strategy Towards International Accreditation in Higher Education
5476	Juwairiah	Making Chemical Practicum KIT for POLIMEDIA Students

CONFERENCE PROGRAM Day 2

Wednesday | February 15th, 2023

https://icmrsi.com/		<p>Organized by</p>   <p>Co-Host</p>  	
<i>Wednesday, February 15, 2023</i>			
<i>Time (UTC+7)</i>	<i>Dur'</i>	<i>Activity</i>	
Main Room		<p><u>Link Zoom for 2nd ICMRSI</u> <u>https://bit.ly/2ndICMRSI</u></p> <p><u>Meeting ID: 865 3104 5515</u> <u>Passcode: 2nd icmrsi</u></p>	
8:50 - 9:00	0:10	Participant Login and Join Virtual Conference by ZOOM	
9:00 - 9:15	0:15	Welcome Address and Conference Publication Announcement by MC	

9:15	-	9:30	0:15	Welcome Remarks Dr. Sularso Budilaksono, M.Kom Head of Organizing Committee 2nd ICMRSI
9:30	-	10:10	0:40	Keynote Speaker 3: Dr. Oktoviano Gandhi National University of Singapore/ Alva Energy/Research Synergy Foundation Topic: Multidisciplinary Research in Solar Energy
10:10	-	10:15	0:05	Token of Appreciation for Keynote Speaker 3
10:15	-	10:20	0:05	E-Group Photo
10:20	-	10:30	0:10	Announcement and preparation of Online Parallel Presentation Session
Online Presentation Session DAY 2 Session 1 (Breakout Room 1, 2, 3, 4, 5, 6)				
10:30	-	10:40	0:10	Session Chair Introduction at each parallel breakout rooms. Breakout Room 1: Dr. Alam Zeb Khattak - International Islamic University, Islamabad, Pakistan Breakout Room 2: Dr. Joycelyn S. Dayrit - Holy Angel University, Phillipines Breakout Room 3: Dr. Soliha Sanusi - National University of Malaysia, Malaysia

			<p>Breakout Room 4: Dr. Eva Lim Wei Lee - UCSI University, Malaysia</p> <p>Breakout Room 5: Assoc. Prof.Dr. Shee Yu Gang - Universiti Tunku Abdul Rahman, Malaysia</p> <p>Breakout Room 6: Dr. Sheila S. Dalumpines - St. Vincent's College Incorporated, Philippines</p>
10:40	- 11:55	1:15	<p>Online Presentation Session, maximum 5 presenters</p> <p>15 minutes/presenter</p>
11:55	- 12:05	0:10	Awarding Certificate of Presentation, Testimonial, and Post-conference information announcement
12:05	- 13:00	0:55	"Lunch Break (Video played: University Profile and Program of UPI Y.A.I; Research Synergy Foundation Profile; 2nd ICMRSI Agenda & Sessions)"
Main Room			
13:00	- 13:40	0:40	<p>Keynote Speaker 4: Thomhert Suprpto Siadari, Ph.D</p> <p>AI Research Center, DDH Inc. Seoul, Rep. of Korea</p> <p>Topic: Revolutionizing Dentistry with Artificial Intelligence</p>
13:40	- 13:45	0:05	Token of Appreciation for Keynote Speaker 4
Online Presentation Session DAY 2 Session 2 (Breakout Room 1, 2, 3, 4, 5, 6)			

13:45 - 13:55	0:10	<p>Session Chair Introduction at each parallel breakout rooms.</p> <p>Breakout Room 1: Dr. Rovena I. Dellova - Lyceum of the Philippines University, Phillipines</p> <p>Breakout Room 2: Prof. Dr. Joseph G. Refugio - St. Vincent's College Incorporated, Phillipines</p> <p>Breakout Room 3: Dr. Mageswari Ranjanthran – Sunway University, Malaysia</p> <p>Breakout Room 4: Dr. Abdul Aziz Lai Bin Mohd Fikri Lai - Universiti Teknologi MARA (UiTM), Malaysia</p> <p>Breakout Room 5: Dr. PD Mahendhiran - Sri Krishna College of Engineering & Technology, India</p> <p>Breakout Room 6: Dr. Reshma V.K - Sri Krishna College of Engineering and Technology, India</p>
13:55 - 15:25	1:30	<p>Online Presentation Session, maximum 6 presenters 15 minutes/presenter</p>
15:25 - 15:35	0:10	<p>Awarding Certificate of Presentation, Testimonial, and Post-conference information announcement</p>
15:35 - 15:50	0:15	<p>Short Break</p>
<i>Main Room</i>		

15:50	-	16:05	0:15	Awarding Ceremony: Best Presentation Best Paper Session Chair
16:05	-	16:10	0:05	Closing Speech Dr. Euis Puspita Dewi , ST. M,Si Vice of Head Organizing Committee 2nd ICMRSI 2023

LIST OF PRESENTERS Day 2

Wednesday, February 15th, 2023

Session 1

Breakout Room 1		
Session Chair: Dr. Alam Zeb Khattak - International Islamic University, Islamabad, Pakistan		
Track Psychology		
Paper ID	Presenter	Paper Title
MSI23130	Teguh Lesmana	Personality Type, Mindfulness, and Bullying Behavior Tendencies among Adolescents in Jakarta
MSI23189	Rudy Sutadi	Development of Smart Discrimination Training (Smart DT) Systematics in teaching and training people with autism to master the ability to identify cards and objects on the table using Smart Applied Behavior Analysis (Smart ABA).
MSI23165	Arneliza Anwar	Development of Smart Measurement and Evaluation (Smart ME) in the implementation of Smart DTT and Smart DT in Smart Applied Behavior Analysis (Smart ABA) for people with autism.
MSI23210	Dewi Sukriyah	Risks of Excessive Gadget Use in Children (Generation Z)
MSI23182	Arneliza Anwar	Development of the Smart Two-on-One (Smart TOO) system from One-on-One in implementing Smart Applied Behavior Analysis (Smart ABA) for People with Autism.
Breakout Room 2		
Session Chair: Dr. Joycelyn S. Dayrit - Holy Angel University, Philippines		
Track Management		
Paper ID	Presenter	Paper Title
MSI23223	Winna Roswinna	Digital Communication and Supply Chain Services: Its Application to the Tourism Industry
MSI23191	Usman Andrianto	How Do People Decide to Choose a University ?
MSI23206	Hsunchi Chu	The Mediating Role of Consumer Guilt on the Relationship between Online Resale and Purchase Intention

MSI23217	Maya Syafriana Effendi	Is Entrepreneurial Intention Mediated by Financial Literacy?
MSI23213	Raharjo Widodo	Financial Behavior's Role in Mediating the Effect of Digital Financial Literacy on MSMEs' Performance in Central Java

Breakout Room 3

Session Chair: Dr. Soliha Sanusi - National University of Malaysia

Track Accounting

Paper ID	Presenter	Paper Title
MSI23117	Hafidhah	Intellectual Capital and Financial Performance in SMEs during the Covid-19 Pandemic: Are They Related?
MSI23108	Thomas Dhanny Setiawan	Transfer Pricing Anti Avoidance Rules and International Tax Avoidance
MSI23145	Kristina Wada Betu	The Moderated Role Internet Knowledge in the Effect of Application E-Filing Systems on Tax Compliance (Case Study on Civil Servants at Timor Tengah Utara District)

Track Economics

Paper ID	Presenter	Paper Title
MSI23168	Priyono Joko Alam	MSME Management Development Based on Creative Economy in Increasing Competitiveness and Income Perdanaria Modern Night Market, Jakarta
MSI23218	Zulham Efendi	The Role of Financial Literacy in Strengthening the Effect of Digital Platform and Financial Technology Peer to Peer Lending on Capital Acces and MSMEs Growth (Empirical Study on MSMEs in DKI Jakarta)

Breakout Room 4**Session Chair: Dr. Eva Lim Wei Lee - UCSI University, Malaysia****Track Economics**

Paper ID	Presenter	Paper Title
MSI23166	Nana Trisnawati Sudjono	Motivation of Tourists, Quality of Service and Interest in Returning to Bogor Sentul Trekking Tour
MSI23192	Muhammad Rezi Sudimas	The Effect of Green Accounting and Environmental Performance on Firm Value and Financial Performance as an Intervening Variable
MSI23200	Andri Armaenah	The Role of Islamic Philanthropic Institutions in the Form of Zakat on the Growth of MSMEs and Welfare of Mustahiq
MSI23194	Zahra Rizki Syafitri	Analysis of Readiness for the Digitalization of MSMEs in Indonesia
MSI23232	Sri Setiawati	Regional Public Services Agency Income, Retribution Revenue and Non-Capitation Funds BPJS Health at Public Health Center of Kemayoran District, Central Jakarta Administration City

Breakout Room 5**Session Chair: Assoc. Prof.Dr. Shee Yu Gang - Universiti Tunku Abdul Rahman, Malaysia****Track Industrial Engineering**

Paper ID	Presenter	Paper Title
MSI23163	Bara Yudhistira	Optimization of Cold Plasma Treatment for Setting Up Active Film by Pickering Emulsion of Myristica Fragrans Essential Oil
MSI23196	Henni Henni	Development of a Supply Chain Risk Mitigation in Small Medium Enterprises
MSI23195	Dodi Satriawan	Study Analysis of the Characteristics of Bioadsorbents Made from Fish Waste with a Variety of Activator Ca(OH) ₂

Breakout Room 6**Session Chair: Dr. Sheila S. Dalumpines - St. Vincent's College Incorporated, Philippines****Track Human Resources Management**

Paper ID	Presenter	Paper Title
MSI23129	Rahayu Endang Suryani	The Influence of Work Stress, Compensation and Work Environment on Employee Turnover Intention at Indomaret Stores in North Jakarta Region
MSI23126	Sarwo Hakim	The Effect of Digital Skill, Human Capital, and Technological Innovation on Small Medium Industries Performance with Entrepreneurial Orientation as A Moderation
MSI23156	Bimo Satriyo Condro Wicaksono	The Effect of Indonesian Army Training on the Performance and Professionalism of the Indonesian Army
MSI23222	Johan Riry	The Potential of Local Food Resources in Supporting Sustainable Food Security in the Small Islands of Maluku

Track Visual Communication

Paper ID	Presenter	Paper Title
MSI23231	Woro Harkandi Kencana	Infographics as Visual Data Journalism on Online News Portals

Wednesday, February 15th, 2023**Session 2****Breakout Room 1****Session Chair: Dr. Rovena I. Dellova - Lyceum of the Philippines University, Philippines****Track Psychology**

Paper ID	Presenter	Paper Title
MSI23188	Rudy Sutadi	Development of Smart Prompt, Smart Initial Prompt (Smart InP), Smart Immediate Prompt (Smart ImP), and Smart Mixed Prompt to increase the effectiveness of Smart Applied Behavior Analysis (Smart ABA) in people with autism.

MSI23203	Rudy Sutadi	Development of the Smart Establishing Operation (Smart EO) to ensure that a person with autism has been able to respond correctly at the Smart Applied Behavior Analysis (Smart ABA) teaching session.
MSI23202	Catur Prasetyo	The Resilience Analysis of Tourism Workers through Covid 19 Pandemic from a Psychological Perspective
MSI23233	Adi Kristiawan	The Effect of Adversity Quotient on Entrepreneurial Intention Through Self Efficacy as a Mediator Variable

Track Clinical Psychology

Paper ID	Presenter	Paper Title
MSI23125	Sheilla Sartika Salsabilla	A Correlation Between Self Esteem and Self Acceptance with Body Dysmorphic Disorder Tendency in Female Adolescents in Bps&K 1 Jakarta Senior High School

Breakout Room 2

Session Chair: Prof. Dr. Joseph G. Refugio - St. Vincent's College Incorporated, Philippines

Track Management

Paper ID	Presenter	Paper Title
MSI23208	Ahmad Maulana Yusuf	How the Effectiveness of Government Policies in Overcoming the COVID-19 Pandemic on the Performance of MSMEs
MSI23219	Zunan Setiawan	Antecedents of Intention Model to Visit Premium Halal Tourism Destinations
MSI23170	Mutia Rizki	Determinants of Performance of Women MSMEs in Indonesia
MSI23198	Kania Raflesia Telaumbanua	Fish Supply Chain Management Strategy Analysis for Warung Tegal (Warteg) While Covid-19 Policy is Enforced in the Administrative City of South Jakarta
MSI23214	Rama Dhonal	The Effect of Financial Education and Financial Promotion on Investment Decision Making Through Financial Literacy
MSI23226	A Mukti Soma	The Effect of Market Discipline on Information and Disclosure Aspect on Investment Intention

Breakout Room 3**Session Chair: Dr. Mageswari Ranjanthran - Sunway University, Malaysia****Track Humanities**

Paper ID	Presenter	Paper Title
MSI23205	Rheem Jatol	Travel Restrictions in Siargao: An Intervention for Island Conservation as Perceived by Tourists in National Capital Region
MSI23190	Dr. Jocelyn Y. Camalig	Impacts of Technological Advancement on Hotel Guests and Employees in Metro Manila; A Comparative analysis
MSI23193	Ratih Anggraini Dewi	Digital Transformation and MSMEs Performance of Gender-Based: Multi Group Sample Approach (MGS)
MSI23167	Egidius Taimenas	Implementation of Criminal Justice Systems in the Practice of BOTI Communities
MSI23229	Ir. Siti Sujatini MSi	Creative Economy Development in Dense Residential Based on the Penta Helix Model

Breakout Room 4**Session Chair: Dr. Abdul Aziz Lai Bin Mohd Fikri Lai - Universiti Teknologi MARA (UiTM), Malaysia****Track Accounting**

Paper ID	Presenter	Paper Title
MSI23136	Leopold Melkiano Triangga Dawu	Accountability in Perspective Sua Death Tradition
MSI23152	Beatrix Yunarti Manehat	Photographing the Application of the Accounting Process in the Congregation: Comparison of Catholic vs Secular Values
MSI23162	Reschiwati Reschiwati	Is It True That The Covid 19 Outbreak Affects Company Profitability?

Track Public Health

Paper ID	Presenter	Paper Title
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MSI2321 2	Kusbaryanto -- Kusbaryanto	The Relationship between Education about Handwashing with Animation Videos on Knowledge and Attitudes about Handwashing in the COVID-19 Pandemi Time of UMY Students
MSI2315 4	Evi Soviyati	A Path Analysis Health Bilief Model on Stunting Prevention and Control Behavior

Breakout Room 5

Session Chair: Dr. PD Mahendhiran - Sri Krishna College of Engineering & Technology, India

Track Information System

Paper ID	Presenter	Paper Title
MSI2317 4	Andy Rachman	Fast Development Kangean Island Tourism Website Using MAF-INC Model
MSI2313 8	Rudi Sutomo	Implementation of AHP-MOORA Approach Selection of Web-Based Mortgage Provider Banks

Breakout Room 6

Session Chair: Dr. Reshma V.K - Sri Krishna College of Engineering and Technology, India

Track Information System

Paper ID	Presenter	Paper Title
MSI23160	Yudi Irawan Chandra	Real-Time Prototype Electricity Monitoring and Forecasting System based on Wemos D1 R1 ESP8266 and IoT
MSI23161	Euis Puspita Dewi	Establishment of Interactive 3-Dimensional Digital Map of Sentul, Bogor Trekking Tourism Routes and Points Based on Nature and Local Communities

MSI23215	Sularso Budilaksono	Development of the "SINEMA STARTUP" Application for Prospective Startup Creators using the Seedling, Incubation, Spreading and Mixing-Matching Approaches
MSI23199	Mohammad Farizshah Ismail Kamil	The Importance of Feedforward Neural Network in Developing Small Ruminant Breed Lineage Prediction System
MSI23173	Wahyu Tisno Atmojo	Design of the Cikolelet Tourism Village Virtual Reality Tour Application to Respons the Challenges of the 4.0 Tourism Era

A Correlation Between Self Esteem And Self Acceptance With Body Dysmorphic Disorder Tendency In Female Adolescents In BPS&K 1 Jakarta Senior High School

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Abstract

The changes in adolescents where they become concerned about their appearance especially female adolescent can lead to a sense of dissatisfaction with their physical appearance, that can affect their self-esteem and self-acceptance. These two things, if they happen continuously will cause distortion of body image which can lead to body dysmorphic disorder tendency. This study intent to examine the relationship betwixt self-esteem and self-acceptance with body dysmorphic disorder tendency. The subjects of this study were female adolescents in BPS&K 1 Jakarta Senior High School, a total of 301 people. Data analysis indicates that there is a negative correlation between self-esteem variables and body dysmorphic disorder tendency also indicating a negative correlation between the self acceptance variables and body dysmorphic disorder tendency. The results suggest that there is a correlation between self-esteem, self-acceptance with propensity for body dysmorphic disorder. This study has limited time because it's close to the preparation for the high school's final semester exam. This research expected to provide useful insights in the development of self esteem, self acceptance, and reduce body dysmorphic disorder tendency in female adolescents.

Keywords: *Body Dysmorphic Disorder; Self Esteem; Self Acceptance*

INTRODUCTION

In the formation of an individual's personality, adolescence is an important and complex period, because adolescence is a transformation from childhood to adulthood. Adolescence is a difficult period for the adolescents itself and parents. This difficulty stems from the phenomenon of adolescence with some special behaviors, such as adolescents starting to express their freedom and the right to express their own opinions. The growth and sexuality of an adolescent also undergo the most rapid changes during this period (Jatmika, 2010). The storm and stress period said by Stanley Hall describes adolescence as a period full of storms and pressures because at this time adolescents do not yet have stable and unpredictable emotions (Sanrock, 2012). In addition to the emotional aspect, the most obvious teenage change is the physical change. The physical changes experienced by adolescents are identical to puberty, which is a stage of physical development that occurs very quickly and significantly. As a result of these changes, adolescents become very concerned with their body image.

Dacey and Kenny (2001) revealed that gender affects body image. In general, compared to boys, girls have a more negative body image and are dissatisfied with their bodies (Brooks-Gun & Paikoff, 1993; Henderson & Zivian, 1995; Richards, etc., 1990 in Sanrock, 2003). There are different perceptions of the ideal self between females and males, such as adolescent boys wanting a full and muscular body, while adolescent girls crave a thin body. Negative body images among adolescent girls certainly cause problems because they conflict with the developmental tasks of adolescence. One of the challenges of adolescent development according to Hurlock (2006) is the ability of adolescents to accept their physical condition. When they feel that they do not fit the

standards, ultimately they cannot fulfill these developmental tasks. The UK National Health Service (NHS) states that body dysmorphic disorder is a mental health condition in which a person spends a lot of time worrying about flaws in their appearance that cannot even be seen by others. Philips (2009) says that body dysmorphic disorder develops on average at 16 years old and starts at 13 years old. According to the International OCD Foundation USA, body dysmorphic disorder affects 1.7% to 2.9% of the overall population - meaning about 1 in 50 people have body dysmorphic disorder. Adolescent girls always develop themselves according to what they want from their body. Adolescent girls make judgments about their bodies, as a result of judging their own bodies, adolescent girls also evaluate their own self-worth, which affects their self-esteem.

Female adolescent always develop themselves according to what they want from their bodies. They always evaluate their bodies, as a result of evaluating their own bodies, female adolescent also evaluate their own self-worth, thus affecting their self-esteem. Self esteem is considered to have an important function in the development of body dysmorphic disorder (Phillips, et al 2004). Self esteem is an overall assessment of an individual's worth. Self-esteem is important for shaping one's self-image, and has major implications for attitudes and behaviors (Srisayekti & Setiady, 2015). All women, including female adolescent, have the same desire to have an attractive physical appearance. This is what makes they are compete to beautify themselves. They tend to assess all aspects of themselves positively if their appearance is considered attractive. Adolescents' assessment of themselves is a reflection of self-esteem, because adolescents, especially female adolescent, tend to generalize self esteem based on appearance alone (Harter, 1999).

Adolescents who are too obsessed with their appearance and body that is not in accordance with their desires will cause their self esteem to decrease. Excessive dissatisfaction with the self will make individuals become obsessed and focus only on their shortcomings, the dissatisfaction with their own physical appearance will cause distortion of self-image. This dissatisfaction with physical appearance will only arise when individuals have negative self-acceptance.

Self acceptance is an attitude of objectively assessing oneself and one's condition and accepting everything in oneself, including one's strengths and weaknesses (Sheerer in Cronbach, 1963). Self acceptance is a process of psychological dynamics in thoughts, emotions, and behaviors that are influenced by the individual's own resilience (Paramita & Margaretha, 2013). Individuals with low self-acceptance are usually caused by internal factors such as lack of confidence in their own abilities and feeling useless to others (Potocka, Turczyn-Jablonska, & Merecs, 2009; Reich, 2009). Prabowo (2017) conducted a study with the title The relationship between self-acceptance and the tendency of body dysmorphic disorder in Malang State University students conducted on students aged 18 to 22 years totaling 112 students, resulting in a relationship with a negative direction between self-acceptance and the tendency of body dysmorphic disorder, in other words, the lower a person's self-acceptance, the greater the tendency to experience body dysmorphic disorder. The tendency of body dysmorphic disorder is closely related to how a person perceives himself, how he accepts himself and appreciates himself. If a person feels her physical condition is not to her liking, then she will feel her appearance is defective, even though she may be considered physically attractive enough for others.

Focusing on the problems regarding self esteem and self acceptance that will trigger the emergence of body dysmorphic disorder tendencies in female adolescent, the author is encouraged to study the correlation between self esteem and self acceptance with body dysmorphic disorder tendencies in female adolescent in BPS&K 1 Jakarta Senior High School.

LITERATURE REVIEW

1) Body Dysmorphic Disorder

According to Watkins (2006), body dysmorphic disorder is an imaginary physical defect in appearance or too much attention to unnecessary flaws. Body dysmorphic disorder is characterized by preoccupation with perceived appearance defects and repetitive behaviors intended to hide, improve, or check one's appearance. The perceived flaws are either invisible or only slightly noticeable to others. Individuals suffering from this disorder may excessively examine areas of their body that are of concern, disguise or groom themselves, compare their own physical appearance to others, exercise to the point of injury, or even seek plastic surgery (American Psychiatric Association, 2013). Body dysmorphic disorder can be classified into four aspects that can form psychodynamics (Rosen, 1995) Those aspects are:

- a. Mind (Cognitive) aspect, where the individual has anxiety about the body. Therefore, individuals with body dysmorphic disorder often check themselves in the mirror repeatedly and try to do everything possible to look as perfect as possible. Individual with body dysmorphic disorder also has negative thoughts about their body, In this aspect, individuals with body dysmorphic disorder always feel that they are ugly. So that there will be a feeling of shame if they are close to or interact with individuals who are considered better in appearance and will tend to compare themselves with that person.
- b. Feeling (Affection), where the individual has dissatisfaction with body parts. They always feel that their body is not the best version so they feel dissatisfied with their body. Whether it is head parts such as nose and teeth to body parts such as chest, buttocks, leg shape and others. Also this aspect has negative feelings about the body, people with body dysmorphic disorder have negative feelings about their bodies, where they hate their own body parts, whether it is hands that are too short, thighs that are too big, skin that is not fair, and other things that make the subject dislike their appearance.
- c. Behavioral aspects, such as obsessive-compulsive behavior. People with body dysmorphic disorder have obsessive compulsive symptoms where the sufferer is often obsessed with appearance. For example, individuals with BDD can spend hours looking in the mirror and dressing up because they are so concerned about their appearance and some can become addicted to plastic surgery.
- d. Social Relationships where individuals avoid social situations and relationships. In this aspect, people avoid meetings or interactions to establish social relationships, because they feel inferior to the people they will meet. Individuals always feel that they are not good enough while others are better and more beautiful in appearance than them.

2) Self Esteem

Coopersmith says that self esteem is a person's assessment of himself which is carried out through his daily activities. According to Maslow (Alwisol, 2004) self esteem is a person's need that needs to be realized in order to progress to a higher level of need. Bean (1992) also says that self esteem is an individual's assessment of oneself from all points of view, whether a person is a

valuable person or vice versa. Coopersmith (1967) suggests four aspects of self esteem. Those aspects are:

- a. Power, an advantage to be able to regulate and control the behavior of oneself and others. Power is the appreciation that individuals get from others for their opinions that have been recognized from others. Significance, is the care, attention, affection that individuals receive from others.
- b. Significance, Significance is the care, attention, affection that individuals receive from others. This shows the individual's interest, acceptance and popularity from their social environment.
- c. Virtue, virtue is the adherence to a moral, ethical and religious standard where it is characterized by compliance in order to avoid prohibited behaviors and perform behaviors that are permitted by morals, ethics and religion.
- d. Competence, this aspect means that individuals show high performance to achieve individual success in carrying out various tasks or good work and achieving achievement (need of achievement)

3) Self Acceptance

Self acceptance is defined by Hurlock (1974) as the degree to which an individual has taken into account the characteristics of themselves so that they are able and willing to accept these characteristics. According to Sheerer (Cronbach, 1963) self acceptance is an attitude of giving value to oneself and the situation that we experience in an objective way and willing to accept all things contained in ourselves, both from our shortcomings and strengths. Then Shepard (1979) revealed that self acceptance refers to an individual's satisfaction or happiness with himself, and is considered necessary in order to create mental health. Supratiknya (1995) explains that self-acceptance is related to aspects such as:

- a. Willing to open or express various thoughts, is individuals willing to express what they think and feel openly, so that there will be interactions with other people who will later respond and will expand individual knowledge.
- b. Psychological health, is individuals with healthy psychology will be able to accept their existence and consider themselves valuable. Because when someone is unable to accept themselves, they will not feel happy.
- c. Acceptance of others, is when a person can accept their own existence, they will be able to accept the existence of other individuals as well. This will increase the individual's self-confidence and make the individual's interaction with their environment.

So based on the theory presented in the literature review, the authors propose a hypothesis that will be tested, as follows:

H¹: There is a correlation between self esteem with body dysmorphic disorder tendency in female adolescents in BPS&K 1 Jakarta Senior High School

H²: There is a correlation between self acceptance with body dysmorphic disorder tendency in female adolescents in BPS&K 1 Jakarta Senior High School.

H³ : There is a correlation between self esteem and self acceptance with the tendency of body dysmorphic disorder in female adolescent in BPS&K 1 Jakarta Senior High School.

RESEARCH METHOD

This study has 3 variables. One dependent variable and two independent variables. For the dependent variable is body dysmorphic disorder. While for the independent variables are self esteem and self acceptance. The population of this study were female adolescent who were students of BPS&K 1 Jakarta Senior High School, totaling 301 people. In this study, the sample taken by researchers based on the Krejcie Morgan table was 169 female students from the entire population using simple random sampling technique.

The data collection method in this study used a body dysmorphic scale made based on aspects of Rosen (1995) totaling 27 items. The self esteem scale made based on aspects of Coopersmith (1967) totaling 34 items. The self acceptance scale made based on aspects of Supratiknya (1995) totaling 24 items. The scale used to compile the scale per variable is a Likert scale. Based on the results of the body dysmorphic disorder scale try out, the reliability obtained is 0.856, the self esteem scale is 0,824 and the self acceptance scale is 0.798. This means that the three scales are reliable according to Guilford's rules and can continue the research to the data analysis stage.

The method that researchers use to test the hypothesis, is bivariate correlation. Bivariate Correlation is used to test the relationship between one independent variable and one dependent variable (Kuncono, 2016). Then Multivariate Correlation is used to test the relationship between several independent variables and one dependent variable. Furthermore, researchers also used Regression stepwise and normality methods in this study. All calculation techniques for bivariate correlation, multivariate correlation, regression stepwise method and normality in their implementation use the help of the SPSS (Statistical Product and Service Solution) computer program version 26.0 for Mac OS.

FINDINGS AND DISCUSSION

1) Findings

This study is intended to determine the correlation between self esteem and self acceptance with the tendency of body dysmorphic disorder in female adolescent in BPS&K 1 Jakarta Senior High School. The hypothesis below was analyzed with SPSS (Statistical Product and Service Solution) version 26.0 for Mac OS using the bivariate correlation method which is used to test the relationship of one independent variable and one dependent variable (Kuncono, 2016). The process resulted in the following data:

1. From the results of the data obtained using the bivariate correlation method to determine the correlation between self esteem and body dysmorphic disorder tendencies, the value of $r = -0.443$ with $p = 0.000$, $p < 0.05$. So that the hypothesis H¹ which states "There is a correlation between self esteem with body dysmorphic disorder tendency in female adolescents in BPS&K 1 Jakarta Senior High School" is accepted.

Correlations

		Kecenderungan n_BDD	Self_Esteem
Kecenderungan_BDD	Pearson Correlation	1	-.443**
	Sig. (2-tailed)		.000
	N	169	169
Self_Esteem	Pearson Correlation	-.443**	1
	Sig. (2-tailed)	.000	
	N	169	169

** . Correlation is significant at the 0.01 level (2-tailed).

- Based on the results obtained from using the bivariate correlation method to determine the correlation between self acceptance and the tendency of body dysmorphic disorder, the value of $r = -0.439$ with $p = 0.000$, $p < 0.05$. So the hypothesis H^2 which states "There is a correlation between self acceptance with body dysmorphic disorder tendency in female adolescents in BPS&K 1 Jakarta Senior High School" is accepted.

Correlations

		Kecenderungan n_BDD	Self_Acceptance
Kecenderungan_BDD	Pearson Correlation	1	-.439**
	Sig. (2-tailed)		.000
	N	169	169
Self_Acceptance	Pearson Correlation	-.439**	1
	Sig. (2-tailed)	.000	
	N	169	169

** . Correlation is significant at the 0.01 level (2-tailed).

- After hypotheses one and two were accepted, the research continued by testing the third hypothesis. The results of data analysis in this hypothesis research, namely using regression output with the enter method, resulted in a multiple correlation analysis (multivariate) between self esteem and self acceptance with the tendency of body dysmorphic disorder obtained a value of $r = 0.474$, r square = 0.225 and $p = 0.000$, $p < 0.05$. So that the hypothesis H^3 "There is a correlation between self esteem and self acceptance with the tendency of body dysmorphic disorder in female adolescent in BPS&K 1 Jakarta Senior High School" is accepted.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.474 ^a	.225	.215	10.077

a. Predictors: (Constant), Self_Acceptance, Self_Esteem

The researcher then conducted a normality test in order to find out whether the research data was normally or abnormally distributed. Because the number of respondents exceeded 100 people, the test of the normality of the data from this study used Kolmogorov-Smirnov. The results obtained from the body dysmorphic disorder tendency data are $p = 0.200$, $p > 0.05$ so that the data is said to be normally distributed.

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Kecenderungan_BDD	.055	169	.200*	.991	169	.377

While the significant level of self esteem is $p = 0.005$, $p < 0.05$ so that self esteem data is not normally distributed. Meanwhile, self acceptance data has a significant level of $p = 0.200$, $p > 0.05$ so that self acceptance data is normally distributed.

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Self_Esteem	.085	169	.005	.984	169	.051

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Self_Acceptance	.045	169	.200*	.986	169	.095

2) Discussion

This study is intended to determine a correlation between self esteem and self acceptance with the tendency of body dysmorphic disorder in female adolescent in BPS&K 1 Jakarta Senior High School. The first hypothesis in this study is that there is a correlation between self esteem with the tendency of body dysmorphic disorder in female adolescent in BPS&K 1 Jakarta Senior High School. The second hypothesis is that there is a correlation between self acceptance with the tendency of body dysmorphic disorder in female adolescent in BPS&K 1 Jakarta Senior High School. Then, the third hypothesis is that there is a correlation between self esteem and self acceptance with the tendency of body dysmorphic disorder in female adolescent in BPS&K 1 Jakarta Senior High School.

Based on the results of research conducted on 169 respondents using the bivariate correlation method, between self esteem and the tendency of body dysmorphic disorder obtained a correlation coefficient of $r = -0.443$ with $p = 0.000$, where $p < 0.05$. These results show that the correlation between self esteem and body dysmorphic disorder tendencies is a negative and significant relationship. That is, self esteem affects the tendency of body dysmorphic disorder, this also means that the lower the self esteem, the greater the tendency of body dysmorphic disorder, and vice versa the higher the self esteem, the lower the tendency of body dysmorphic disorder.

Meanwhile, the correlation between self acceptance and body dysmorphic disorder tendency is $r = -0.439$ with $p = 0.000$, where $p < 0.05$ indicates a relationship with a negative and significant direction. That is mean, the lower the self acceptance, the higher the level of body dysmorphic disorder tendency and vice versa, the higher the self acceptance, the lower the tendency of body dysmorphic disorder in adolescent girls at BPS&K 1 Jakarta Senior High School.

These results are in accordance with previous research conducted by Rahmania & Ika Yuniar (2012) which states that there is a significant relationship between self esteem and the tendency of body dysmorphic disorder and the relationship between the two is negative, which means that the higher the self esteem variable, the lower the tendency of body dysmorphic disorder and vice versa. In addition, research conducted by Itsna, Maulida Muttaqin (2019) also states that there is a significant negative relationship between self-acceptance and the tendency of body dysmorphic disorder which means, the higher the self-acceptance, the lower the tendency of body dysmorphic disorder and the lower the self-acceptance, the higher the tendency of body dysmorphic disorder.

Analysis using multiple correlation or multivariate correlation in the regression test with the enter method between the variables of self esteem and self acceptance with the tendency of body dysmorphic disorder can be obtained the results of the coefficient $R = 0.474$ and $p = 0.000$. This shows that self esteem and self acceptance are significantly related to the tendency of body dysmorphic disorder in female adolescent in BPS&K 1 Jakarta Senior High School. The calculation in this regression test also shows the R square coefficient of 0.225 which indicates that self esteem and self acceptance contribute 22.5% to the tendency of body dysmorphic disorder, while the remaining 77.5% is an addition of other factors that not examined.

After knowing the amount of contribution of self esteem and self acceptance with the tendency of body dysmorphic disorder, the author finds out which variable is the most dominant in relation to the tendency of body dysmorphic disorder using the stepwise method regression test on the SPSS (Statistical Product and Service Solution) program version 26.0 for Mac OS. Based on

the results of the calculation, it shows that the first dominant variable is self esteem, the next is self acceptance. Self esteem variables contribute to the tendency of body dysmorphic disorder by 19.6% ($R^2 = 0.196$). The contribution of self esteem together with self acceptance to the tendency of body dysmorphic disorder is 22.5% ($R^2 = 0.225$). While the contribution of self acceptance to the tendency of body dysmorphic disorder is 2.9% ($R^2 \text{ Change} = 0.029$). This indicates that the self esteem variable has a more dominant influence than the self acceptance variable on the tendency of body dysmorphic disorder. This is in line with Phillips (2009) who states that self esteem is one of the factors that can cause a person to be vulnerable to having body dysmorphic disorder, because when someone has high self esteem generally the individual will also have a better understanding and knowledge of themselves and someone who respects themselves will consider themselves more valuable (Rosenberg, in Sara Burnett & Wright, 2002).

Based on the results of the categorization of this research score, the tendency of body dysmorphic disorder experienced by female adolescent at BPS&K 1 Jakarta Senior High School is in the "moderate" category. Self esteem owned by female adolescent at BPS&K 1 Jakarta Senior High School is in the "high" category and self acceptance owned by female adolescent at BPS&K 1 Jakarta Senior High School is in the "medium" category. Although the self esteem variable is high, it should be noted that there are several other factors that can also affect body dysmorphic disorder such as; genetic factors, psychological factors such as experience and environmental or social factors, especially since adolescence is a time when individuals begin to search for themselves, there will be many other variables that can affect an individual's view of himself. The good and bad of oneself is something that can be controlled, adolescents must respect themselves so that later they feel happier and can accept themselves as they are in order to have positive thoughts and be able to develop themselves so that the tendency of body dysmorphic disorder can be avoided.

CONCLUSION

Referring to the results of hypothesis analysis and research, it can be concluded that:

1. There is a relationship between self esteem and the tendency of body dysmorphic disorder experienced by adolescent girls at BPS&K 1 Jakarta Senior High School. The results of data analysis show that between self esteem variables and body dysmorphic disorder tendencies have a significant relationship with a negative direction. This explains that the higher the self esteem, the lower the possibility of adolescent girls at BPS&K 1 Jakarta Senior High School having a tendency to body dysmorphic disorder, and vice versa. The lower the self esteem, the higher the possibility of adolescent girls at BPS&K 1 Jakarta Senior High School having a tendency to body dysmorphic disorder.
 2. There is a relationship between self acceptance and the tendency of body dysmorphic disorder in adolescent girls at BPS&K 1 Jakarta Senior High School. The results of data analysis show that between the variables of self acceptance with the tendency of body dysmorphic disorder has a significant relationship with a negative direction. This shows that the higher the level of self acceptance, the lower the possibility of adolescent girls at BPS&K 1 Jakarta Senior High School having a tendency to body dysmorphic disorder, and vice versa. The lower the level of self acceptance, the higher the likelihood that young women at BPS&K 1 Jakarta High School have a tendency to body dysmorphic disorder.
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3. There is a significant relationship between self esteem and self acceptance with the tendency of body dysmorphic disorder in adolescent girls at BPS&K 1 Jakarta Senior High School.

The results of this study are scientific evidence that there is a significant relationship between self esteem and self acceptance with the tendency of body dysmorphic disorder in adolescent girls at BPS&K 1 Jakarta Senior High School. So after the school knows this, the school is expected to understand that preventive action to prevent the onset of body dysmorphic disorder tendencies is needed. Considering that the average female adolescents experience body dysmorphic disorder tendencies at a moderate level, maintaining the self-esteem of BPS&K 1 Jakarta Senior High School students is one of the right efforts in reducing the risk of increasing body dysmorphic disorder tendencies. In addition, because the results of this study show that the average self-acceptance or self-acceptance of young women is still classified as moderate, young women must be able to increase their sense of self-love so as not to be affected by the rampant various trends and social beauty standards that exist today. Apart from the young women themselves, their environment is also expected to build a positive atmosphere towards self-appearance so that young women can accept themselves more.

LIMITATION & FURTHER RESEARCH

This research has been attempted and carried out in accordance with scientific procedures but in its implementation there are still limitations, including in this study researchers only took samples of adolescent girls so that it could not be generalized to all adolescents at BPS&K 1 Jakarta Senior High School or in Jakarta itself. In collecting data, researchers are constrained by time where the tryout data collection process is held after school, so that many students are in a hurry and not serious in working on the questionnaire. As for sample data collection, the author is constrained because students are on class promotion vacation so that the author can only send questionnaires via google form via whatsapp which is very ineffective and will take a long time until the data can be collected completely. For other researchers who are interested in examining the tendency of body dysmorphic disorder, it is recommended to examine using other independent variables that can affect the tendency of body dysmorphic disorder in addition to self esteem and self acceptance such as self confidence, body image, self compassion, and others. Prospective researchers are also advised to expand the research by expanding the population or research subjects and conducting research on different subjects so that the research results become broader and can clarify the tendency of body dysmorphic disorder.

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