

Panels

Lean Six Sigma Panel

2:00 – 3:30 pm, August 5, 2025 – Room 1

Moderator



Ts. Dr. Muhd Ikmal Isyraf bin Mohd Maulana
Senior Lecturer & Postgraduate Program Coordinator (Industrial Engineering)
Universiti Teknologi Malaysia (UTM)
Johor Bahru, Johor, Malaysia

Dr. Ikmal currently works at Universiti Teknologi Malaysia (UTM) as a Senior Lecturer. A Ph.D. holder in Lean Product and Process Development from Cranfield University, UK. His core competencies are in Lean Product Development, Lean Manufacturing System, Shop Floor Management, Lean Six Sigma, and Continuous Improvement. He received his bachelor's degree in Mechanical Engineering with Honors from Universiti Tun Hussein Onn Malaysia in 2005. Having worked within the automotive industry for over 10 years, he has developed a wide range of Production and Lean Manufacturing skills. He started his career with UMW Toyota Motor Malaysia as an Assistant Engineer in 2003. In 2005, he joined Proton Holdings Bhd as an Executive in the Production Trim, and Final Department. In 2009, he was appointed as Section Manager in the Industrial Engineering Department, responsible for the development of Proton Production System and Lean Six Sigma. In early 2014, he joined Volkswagen Group Malaysia as Assistant Manager in Process Improvement at Pekan Plant. In 2018, he joined Composites Technology Research Malaysia (CTRM) as Head of Operation Improvement Division. During his career, he has been certified as Lean Six Sigma Black Belt from the International Association for Six Sigma Certification (IASSC) in 2012. He is a certified engineer and a member of the Board of Engineers Malaysia. He also undergoes an extensive one-to-one training program for two years with Japanese Expert from Hiroshima International Vehicle Engineering Company (HIVEC), Japan on Shop Floor Management (Genba Kanri), and has been certified as a professional evaluator and instructor.

Co-Moderator



Ir. Mohammad Agung Saryatmo
S.T., M.M., M.T., Ph.D.
Lecturer
Industrial Engineering Department
Tarumanagara University
Jakarta, Indonesia

Dr. Mohammad Agung Saryatmo is a multidisciplinary academic and higher education leader with over 20 years of experience in industrial engineering, lean six sigma, supply chain management, and business education. He specializes in Quality 4.0, Lean Six Sigma, digital transformation, and academic quality assurance. Currently serving at Universitas Tarumanagara as a lecturer, academic manager, and quality system officer, he has a proven track record in managing academic programs, supervising graduate research, leading institutional accreditation, and producing over 70 publications and several intellectual property works.

Panel Speaker I



Rhodora N. Buluran
Associate Professor, Department of Industrial Engineering
Chief – Internal Audit Office
Polytechnic University of the Philippines

Dr. Rhodora N. Buluran is a licensed industrial engineer and faculty designee at the Polytechnic University of the Philippines (PUP). She earned her Bachelor of Science in Management and Industrial Engineering from the Mapua Institute of Technology, her Master of Science in Industrial Engineering and Management from PUP, and her Doctorate in Business Administration from the Philippine Women's University. Currently, she serves as Chief of the University Internal Audit Office while also teaching in the Department of Industrial Engineering at PUP's College of Engineering. Her prior professional experience includes various roles in the semiconductor industry, where she applied industrial engineering principles to implement performance-enhancing process improvements and new standards. Dr. Buluran has guided numerous students through research projects at both undergraduate and graduate levels. In 2021, she won First Place in the Master's Thesis Competition at the International Conference of the IEOM Society held in São Paulo. As an auditor, she continues to apply industrial engineering methodologies in recommending strategic solutions.

Panel Speaker II



Harish Babu, Ph.D.
Deputy Manager (Materials Management)
Central Mine Planning and Design Institute Limited
Ranchi, Jharkhand, India

Dr. Harish Babu is currently serving as Deputy Manager (Materials Management) in the Materials Management Division at Central Mine Planning and Design Institute Limited (CMPDI)—a subsidiary of Coal India Limited and a Public Sector Undertaking under the Government of India – with its headquarters in Ranchi, Jharkhand, India. Dr. Babu has over 14 years of experience in the field of Operations Management, including more than 7 years of industrial experience at a Maharatna Public Sector Undertaking of the Government of India – Coal India Limited—and over 7 years of teaching and research experience. He holds a B.Tech in Mechanical Engineering from Mahatma Jyotiba Phule Rohilkhand University, Bareilly, Uttar Pradesh, India; an MBA from Graphic Era University, Dehradun, Uttarakhand, India; and a Ph.D. in Mechanical Engineering from the Indian Institute of Technology (BHU), Varanasi, Uttar Pradesh, India. Dr. Babu has worked as Assistant Manager – Research & Development at RJ Industrial Corporation, Roorkee, Uttarakhand, India. He has also served as an Assistant Professor at the Quantum School of Business, Roorkee, Uttarakhand, and at Invertis University, Bareilly, Uttar Pradesh. Additionally, he has delivered guest lectures at several reputed institutions, including O.P. Jindal Global University, Sonapat, Haryana, India. He is

a certified auditor for ISO 37001 – Anti-Bribery Management System. Dr. Babu has published five journal papers and one book chapter. He has taught a range of courses including Production & Operations Management, Business Statistics, and Marketing Research at both undergraduate and postgraduate levels. He also delivers guest lectures on Public Procurement for officers of Coal India Limited. His research interests include marketing research, supply chain management, and materials management. Dr. Babu is also a reviewer for the Journal of Modelling in Management and Supply Chain Analytics.

Panel Speaker III



Dr. Marc B. Hermo IV, DBA
Educator | Process Consultant | Business Transformation Leader
Miriam College, Higher Education Unit
INNOVEO Consulting, Quezon City, Philippines

Dr. Marc B. Hermo IV, DBA is a seasoned operations executive, educator, and business transformation leader with over 25 years of experience driving innovation, process improvement, and strategic change across global organizations and SMEs. He is currently a faculty member at Miriam College, teaching Operations Management and related subjects, and serves as Chief Transformation Officer of INNOVEO Consulting, a firm he founded to help companies build operational excellence and innovation capability. Marc is a certified Lean Six Sigma Master Black Belt and a recognized expert in process automation, organizational transformation, and strategic execution. He has held senior leadership roles at Intel, Dell, JP Morgan Chase & Co., and Cognizant, where he led high-impact Lean Six Sigma programs, developed enterprise-wide transformation strategies, and delivered measurable improvements in quality, cost-efficiency, and customer experience. He earned his Doctor of Business Administration (DBA) from California Southern University (Magna Cum Laude) with a dissertation on the integration of Lean Six Sigma and Robotic Process Automation (RPA)—a timely contribution to sustainable digital transformation. He also holds an MBA from the Asian Institute of Management and a BS in Metallurgical Engineering from UP Diliman. An advocate for inclusive development, Marc supports micro and small enterprises through Entrepinoy Volunteers Foundation, Inc. Across academe, consulting, and industry, he continues to bridge strategy and execution to drive sustainable, people-centered transformation.

Industry 4.0 Panel

2:00 – 3:30 pm, August 5, 2025 – Room 2

Panel Chair



Ts Dr. Ihfasuziella Binti Ibrahim
Senior Researcher, Construction Research Institute of Malaysia (CREAM)
Cyberjaya Selangor, Malaysia

Ts. Dr. Ihfasuziella Ibrahim is a Senior Researcher at Construction Research Institute of Malaysia (CREAM). CREAM is a research institute established under the Construction Industry Development Board (CIDB), which she joined in February 2013. Ihfasuziella received her Bachelor Science in Real Estate Management with Honors from UTHM, Johor in 2009. Upon completing her studies, she has been a research assistant in University Tun Hussein Onn Malaysia (UTHM) in 2010 under the Technology Management & Business Faculty. Due to high enthusiasm and encouragement for continuing studies, Ihfasuziella have been offered a place at University Tun Hussein Onn Malaysia entering master's level on Science in Property and Facilities Management in 2010. The title of her thesis is 'Development of Space Charging Model in Malaysian Higher Education Institutions'.

Ihfasuziella completed her Doctorate of Philosophy (PhD) in Property Management from MARA University of Technology (UiTM) under Faculty of Architecture, Planning and Surveying in 5 years and graduated in 2021. The title of her PhD thesis is 'Development of Shopping Centre Classification Model using Analytical Hierarchy Process (AHP)'. The research study was evaluated by an expert professor in property field, Professor Piyush Tiwari from University of Melbourne, Australia. Prior to that, Ihfasuziella entered Pahang Matriculation College in 2005 and her background study was accounting, economic and business management. She is also a member in Malaysian Association of Facilities Management (MAFM). She also committee for Industrial Engineering and Operations Management (IEOM) for Malaysian chapter. Her research interests are in built environment, facilities management, strategic facilities management, property management, performance management, construction management, Geographic Information System (GIS) and Industrialised Building System (IBS). She has published papers in the local and international conference, seminars, journals, articles, and chapter in books.

She has been involved with the development of a module entitled Technology and Innovation in Facility Management (SMT15103) in 2016 for Open University Malaysia (Msc Program) and the Facilities Management module for CIDB. She also involved in book publishing entitled Facilities Management Initiatives and Empowerment for Construction Industry in Malaysia in 2021, Construction Law Report for Edition 2018 until 2021, and Managing Property and Facilities in Higher Education Institutions (Chapter 3-Space Management for an Effective Space Usage for Classrooms in Academic Buildings in 2006). She also contributes to The Ingenieur Article published in Vol 90 April-June 2022 under the title Strategic Approach to Facilities Management in the Healthcare Sector. Ihfasuziella welcomes any future research collaboration pertainin

Panel Speaker I



Alias Abdul Rashid
Head of Maintenance Unit
KLCC Urusharta Sdn. Bhd., Malaysia

Alias Abdul Rashid is a Head of Maintenance unit at Permata Sapura, KLCC Urusharta Sdn. Bhd from Feb 2021. Alias received his Bachelor in Electrical Engineering with Honors from University Tun Hussien Onn (UTHM), Johor in 2007. Due to his high enthusiasm and encouragement for continuing studies, Alias was offered a place at University Technology Mara (UiTM) Shah Alam to pursue master's level on Built Environment and Facilities Management in 2022. The title of his thesis is "Critical Success Factor for Iconic Building Maintenance". Prior to that, Alias entered Negeri Sembilan Matriculation College in 2002 and his background study was Science Biology. He is currently a member in Malaysian Association of Facilities Management (MAFM). His has over in years of experience in facilities management, asset management and energy management with over 14 years to maintain the prestige condition of Permata Sapura by managing the facilities within the budget proposed. He lead the development of sustainable supply chain programs, including supplier assessments, audits, and performance monitoring. He also collaborate with cross-functional teams to drive

sustainable practices and achieve targets for energy and resource efficiency. Alias is responsible to ensure all defects are closed by the project team as the building started in operation on Feb 2021 with DLP in 18 Months except for the gondola and vertical transport by two (2) years. Auditor for 37001:2016. To date, he has won many awards including Malaysia's Best Managed Property Awards 2019 for 10 Years and above Non- Strata Office Bronze Award-Kompleks Dayabumi KLCC Urusharta Sdn Bhd in 2019 and Green RE Gold Certificate-Non-Residential Category-Permata Sapura Impian Bebas Sdn Bhd in 2021. Alias is also an Auditor for 37001:2016 (ABMS) since the year 2020, auditor for ISO9001:2015 (QMS) since the year 2010 and auditor for ISO41001:2018 (FMS) since the year 2022.

Panel Speaker II



Adjunct Prof. Ir. Ts. Dr. Hj. Mohd Khairolden Ghani
Senior Manager
Consultancy and Inspection
Construction Research Institute of Malaysia (CREAM)

Dr. Khairolden has joined Construction Research Institute of Malaysia (CREAM) a research institution of Construction Industry Development Board (CIDB) Malaysia since May 2007. Previously he held a position at Centre for Built Environment (CBE) and Sustainable Construction Excellence Centre (MAMPAN). He holds his Doctor of Philosophy (PhD) in Built Environment from the University of Malaya (UM), Master's Degree in Civil Engineering and Bachelor and Diploma in Civil Engineering. He is a Professional Engineer (P.Eng.) from Board of Engineers Malaysia (BEM) and Professional Technologist (P.Tech.) from Malaysia Board of Technologist (MBOT). He is also corporate member of The Institution of Engineers Malaysia (M.I.E.M), member of Technological Association Malaysia (M.T.A.M) and ASEAN Chartered Professional Engineer (A.C.P.E). He is now an Adjunct Professor at Engineering Faculty of University Malaysia Sarawak (UNIMAS) and appointed as Industrial Advisory Panel (IAP)

Faculty of Civil Engineering UTM and Faculty of Civil Engineering, Universiti Teknologi MARA (UiTM), College Vocational (KV) Setapak Kuala Lumpur and Lincoln's College University (LCU). His expertise on project management, green building, sustainable practices, facility management, construction digitalisation and have been presented numerous technical and conference papers at international and local level.

Panel Speaker III



Dr. Natasha Dzulkalnine
Senior Lecturer
Universiti Teknologi MARA (UiTM)
Cawangan Selangor
Kampus Puncak Alam
Malaysia

Panel Speaker IV



Dr. Nor Aziati Abdul Hamid
Associate Professor, Production and Operations Management Department
Faculty of Technology and Business Management
Universiti Tun Hussein Onn Malaysia (UTHM)
Head of the Industrial Centre of Excellence for Railway (ICoE-Rail)

Associate Professor Dr. Nor Aziati Abdul Hamid is a senior lecturer at UTHM and Head of the Industrial Centre of Excellence for Railway (ICoE-Rail). She holds a Ph.D. in Information Technology (System Management) from UKM and specializes in Management Information Systems. Her research covers knowledge transfer, green computing, Industry 4.0, and cybersecurity in transport and manufacturing. She has led key projects, including a Green Manufacturing Index and studies on 3D printing and sustainable human capital. As a consultant, she advises on railway safety, system evaluation, and digital transformation. Through ICoE-Rail, she supports national efforts in infrastructure innovation, cybersecurity frameworks, and workforce development. A mentor and evaluator, she contributes to curriculum design and postgraduate supervision. Her leadership, research, and consultancy work

drive progress in Malaysia's railway sector and support academic-industry collaboration across ASEAN.

Global Supply Chain and Logistics Panel

4:00 – 5:30 pm, August 5, 2025 – Room 1

Panel Chair



Dr. Ir. Yuary Farradia
Vice Rector Human Resource and Finance
Senior Lecturer, Faculty of Economic and Business
School of Postgraduate
Universitas Pakuan, Bogor, Indonesia

Future Outlook of Global Supply Chain in Indonesia

Dr. Ir. Yuary Farradia, currently is a Vice Rector Human Resource and Finance at Universitas Pakuan, Bogor West Java Indonesia. She is also as a senior lecturer in field of Management at both Faculty of Business and Scholl of Postgraduate at Universitas Pakuan. Prior to her current position she was a senior lecturer in Management (Marketing) department at the Faculty of Business, Economics and Social Development – Universiti Malaysia Terengganu in 2021 – 2023 whilst in 2020, she was a Vice Dean of Human Resource and Finance in the Faculty

of Economics and Business Universitas Pakuan. Her main background is on Supply Chain Management, Marketing and Management. Her publication within the last five years are about Green Supply Chain Management, Green Marketing, Green Management, Sustainability, Environment Sustainability, Ecotourism, Consumer Purchase Decision up to Marketing Strategies. Her International Research in 2023 are on Circular Economy and Smart Villages Development. Dr. Ir. Yuany Farradia is also a Management practitioner. Currently she is also a professional Management Consultant, Trainer.

Panel Speaker I



Retno Martanti Endah Lestari
Vice Dean for Academic and Student Affairs
Universitas Pakuan
Bogor, Indonesia

Panel Speaker II



Tengku Nurainun, ST, MT, Ph.D.
Associate Professor
Department of Industrial Engineering
Faculty of Science and Technology
Universitas Islam Negeri Sultan Syarif Kasim Riau
Panam, Pekanbaru, Riau, Indonesia

Panel Speaker III



Dr. Erialdi Syahrial
Senior Lecturer
Faculty of Business and Economics
Universiti Malaya (UM)
Kuala Lumpur, Malaysia

Dr. Erialdi Syahrial is a senior lecturer at the Faculty of Business and Economics, Universiti Malaya (UM), Malaysia. Prior to this, he made contributions in academia and research at the Faculty of Management, Universiti Teknologi Malaysia (UTM). When he was in Japan, he served as a Visiting Researcher at Weber State University in Utah, United States where he collaborated with the Goddard School of Business and Economics for two consecutive years. As a Visiting Researcher, he presented his research at the Annual Conference of the Production and Operations Management Society (POMS) in Florida, United States.

Before transitioning to academia, Dr. Erialdi worked at PROTON, Malaysia's first national car manufacturing company, where he held roles as Section Head, Lead Engineer, and Project Leader in the Research and Development (R&D) Department. During his time at PROTON, he focused primarily on after-sales service and customer satisfaction. Additionally, he has worked on after-sales service projects in the United Kingdom, Italy, Korea, and Germany. Dr. Erialdi's work involved collaborating with CEOs, managing directors, customers, suppliers, and consultants from several countries. He is a member of the Board of Engineers Malaysia (BEM) and is recognized by the Malaysia Board of Technologists (MBOT) as a Professional Technologist (Ts.) until 2023. He is currently in the process of renewing his Ts. status and applying for registration as a Professional Engineer (Ir.) with BEM in the coming years.

After his tenure at PROTON, Dr. Erialdi pursued a Doctorate of Philosophy (Ph.D.) in Japan, earning his Doctoral degree in Engineering from Keio University in Yokohama. He lived in Japan for nearly eight years. His teaching and research interests primarily focus on Operations Management, Supply Chain Management, and Quality Management. Dr. Erialdi is also eager to share his industrial experience and contribute to other courses such as Project Management, Research Methodology, Work Design/Ergonomics, Logistics Management, Business Mathematics, and Human Resource Management.

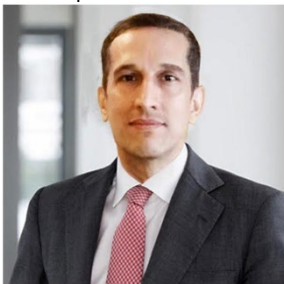
In 2022, Dr. Erialdi served as a session chair at the Asia Pacific Conference on Industrial Engineering and Operations Management. In 2024, he was appointed as a panel speaker and session chair at the International Conference on Industrial Engineering and Operations Management in Dubai, UAE, as well as panel chair and session chair at the Asia Pacific Conference on Industrial Engineering and Operations Management in Tokyo, Japan. In 2024, he also chaired sessions at the International Conference on ICT Application Research and the Malaysia-Japan Visionaries Conference in Tokyo, Japan. Dr. Erialdi is currently an active project member at Universiti Malaya, working on a project funded by the Malaysian government. In Universiti Malaya, he has established initial connections with governments, universities, institutions, and agencies both nationally and internationally for potential future collaborations.

Panel Speaker IV



Dr Muhammad Faisal
Assistant Professor
Business Administration
Ghazi University
Pakistan

Panel Speaker V



Ts. Dr. Mehran Doulat
Director of Asia-Pacific Centre for Operational Excellence (APCOE)
Senior Academic Faculty
MBA-ODL —Technology and Operations Management Coordinator
Universiti Teknikal Malaysia Melaka

Panel Speaker VI



Associate Prof. Dr. Mohammad Nazri Bin Mohd Nor
Department of Management & Marketing
Faculty of Business and Economics
Universiti Malaya
Kuala Lumpur, Malaysia

Mohammad Nazri is an associate professor in the Faculty of Business and Economics, Universiti Malaya. He obtained his Doctor of Business Administration (DBA) from the University Technology MARA (UiTM), MBA and BBA from the National University of Malaysia (UKM). He had almost 12 years professional experience with RHB Investment Bank. His research interest includes Management, Supply Chain, Leadership and Strategic Management. Human Capital, Business Ethics and Islamic Perspectives in Business are among his teaching specialties. He published several books as well as more than 80 research articles in WOS, ESCI, Scopus and other refereed journals. His research grants included those from the University Malaya Research Grant (UMRG), Kementerian Pelajaran Malaysia (KPM), Long-Term Research Grant (LRGS) and Special Interest Group Grant, UiTM.

Project Management Panel

4:00 – 5:30 pm, August 5, 2025 – Room 2

Panel Chair



Dr. Indra Gunawan
Associate Professor
Adelaide Business School
Faculty of Arts, Business, Law and Economics
The University of Adelaide, Australia

Indra Gunawan is an Associate Professor in Complex Project Management and Program Director of Postgraduate Project Management in the Adelaide Business School, Faculty of Arts, Business, Law and Economics, the University of Adelaide. He received his PhD in Industrial Engineering and MSc in Construction Management from Northeastern University, USA. Prior to joining the University of Adelaide, he was the postgraduate program coordinator for Maintenance and Reliability Engineering at Monash University. Previously, he has also taught in the Department of Mechanical and Manufacturing Engineering at Auckland University of Technology, New Zealand and worked as the Head of Systems Engineering and Management program at Malaysia University of Science and Technology (in collaboration with MIT, USA). His current research interests include system reliability modelling, maintenance optimisation, project management, applications of operations research, and operations management. He is actively involved in the Asset Management Council, a technical society of Engineers Australia. Indra's work has appeared in many peer-reviewed journals such as International Journal of Project Management; Journal of Construction Engineering and Management; IEEE Transactions on Engineering Management; International Journal of Production Research; Reliability Engineering and System Safety; IEEE Transactions on Industrial Informatics; International Journal of Reliability, Quality and Safety Engineering; Quality and Reliability Engineering International; International Journal of Project Organisation and Management; and International Journal of Quality and Reliability Management. He also serves as an Editorial Board member for International Journal of Project Organisation and Management, International Journal of Information Technology Project Management, and International Journal of Performability Engineering.

Panel Speaker I



Dr Andri Irfan Rifai
Professor and Dean, Faculty of Civil Engineering & Planning
Batam International University (UIB), Batam, Indonesia

Andri Irfan Rifai is a Professor of Transportation Technology Engineering. He completed his Ph.D. at the Universitas Indonesia & Universidade do Minho with a Sandwich Program Scholarship from the Directorate General of Higher Education and an LPDP scholarship. He has taught for over 20 years and actively applies his knowledge in Indonesia's project construction. His research interests range from pavement management systems to advanced data mining techniques for transportation engineering. He has published over 200 papers in journals, over 40 documents in Scopus, and nine books with thousands of citations.

Experiences

Dean of Faculty of Civil Engineering & Planning UIB [2020-Now]
 Co-Promotor of Doctoral Program-Universitas Indonesia [2022-Now]
 Head of Civil Engineering Department UIB [2106-2020]
 Civil Engineering lecturer of Universitas Internasional Batam [2002-Now]
 Civil Engineering lecturer of Universitas Mercubuana Jakarta [2013-Now]
 Master of Civil Engineering lecturer of Institut Sains & Teknologi Nasional [2016-2018]
 Civil Engineering lecturer of Ukrida [2017]
 Civil Engineering lecturer of Universitas Majalengka [2016-Now]

Construction Industry

Head of Integration of Road Infrastructure Development of West Papua and Southwest of Papua [now]
 Project of National Road Development Project in South Celebes II Area [2022-2024]
 Project of Rehabilitation & Reconstruction-02 for Palu Earthquake, Tsunami & Liquefaction [2019-2022]
 Project of National Road Development Project in Centre Celebes I Area [2019]
 Project of National Road Development Project in West Java III Area [2018]
 Project of Land Acquisition Team for Serpong-Balaraja Toll Road [2017]
 Project of National Road Preservation in Metropolitan Area [2015-2016]
 Project of Tanjung Priok Access Project [2013-2014]
 Development of Indonesia Toll Road Authority [2006-2010]

Panel Speaker II



Dr Mohd Faridh Ahmad Zaharuddin
Senior Lecturer
Program Coordinator for Master Program (Manufacturing) & Welding Certification program
Department of Materials, Manufacturing and Industrial Engineering
Faculty of Mechanical Engineering
Universiti Teknologi Malaysia, Skudai, Johor, Malaysia

Course Director of IIW Diploma Program
 Coordinator of MSc Mechanical Program (Manufacturing)
 Members of International Standard Organization (ISO) / TC44
 Advisory Board Members of Welding Institute Malaysia ANB
 International Advisory Board Journal of Welding and Joining
 Certified Trainer for International Welding Engineer (IWE)
 Certified Trainer The Trainer (HRDC) TWI UK

Panel Speaker III



Ir. Muhammad Isradi, ST, MT, Ph.D., IPM
Lecturer
Civil Engineering
Universitas Mercu Buana
Jakarta, Indonesia

Ir. Muhammad Isradi, ST, MT, Ph.D., IPM. He is a lecturer in civil engineering in the field of transportation at Mercu Buana University Jakarta. He completed his doctoral program at Tun H. ussein Onn University, Malaysia. With extensive experience in teaching and research in the field of transport and infrastructure design. Currently, he teaches courses on pavement design, transportation engineering, public transport systems, railway design, advanced construction methods and equipment, human resource management, project communication, and research methodology for undergraduate and master programs in civil engineering. He is active as the Head of the Transportation Expertise Division and as a journal manager in the Faculty of Engineering, as well as active as a reviewer of national and international journals.

Panel Speaker IV



Prof. Dr. Ir. Mudjiastuti Handajani, M.T.
Professor of Civil Engineering, Faculty of Engineering, Universitas Semarang
Head of the Institute for Research and Community Service, Universitas Semarang

Prof. Mudjiastuti is a senior academic and transportation expert with a strong background in civil engineering. She earned her Bachelor's degree in Civil Engineering from Diponegoro University in 1988, a Master's degree in Transportation Engineering from Universitas Gadjah Mada in 1998, and a Doctorate in the same field from Diponegoro University in 2012. With over 34 years of teaching experience, she has been actively involved in higher education since the early 1990s. She is a long-standing faculty member at Universitas Semarang (USM), a postgraduate lecturer and doctoral dissertation supervisor at Diponegoro University (UNDIP) since 2000 also at Sultan Agung Islamic University (UNISSULA) since 2017. Her teaching covers subjects such as urban transportation systems, traffic engineering, transportation economics, and research methodology. Her research portfolio includes at least 21 major studies, including a multi-year flagship research project on the Passenger Information System and Signal Bus Priority for the Trans Semarang BRT. She has authored more than 63 scholarly articles and five academic textbooks that are widely used by students and practitioners. Outside academia, Prof.

Mudjiastuti has been deeply engaged in professional engineering and community service. Since 1994, she has participated in over 38 community outreach initiatives focusing on technical training, traffic safety campaigns, and environmentally sustainable infrastructure. She has served as a professional assessor for construction industry certifications since 2016 and holds top-tier certifications as a Senior Road Engineering Expert and Transportation Specialist. Her active involvement in professional bodies such as the Indonesian Society of Transportation Experts, the Indonesian Engineers Association, and the Forum for Higher Education Transportation Studies underscores her commitment to advancing the field. Additionally, she has presented at more than 76 national and international conferences and seminars, including several keynote and invited speaker roles. Her career reflects a consistent integration of academic excellence, applied engineering practice, and impactful public service.

Panel Speaker V



Professor Budi Hartono
Head of Department of Mechanical and Industrial Engineering
Universitas Gadjah Mada (UGM)
Yogyakarta, Indonesia

Budi is a professor in the Industrial Engineering Program, Universitas Gadjah Mada (UGM), Indonesia. He is the Head of Mechanical and Industrial Engineering Department. He lectures, conducts research, and provides consultancy services and professional training for industry practitioners mainly in project & risk management. Budi's research interests include project management, risk/complexity management, decision theory, cognitive psychology, and systems thinking. He has published many scientific papers pertinent to the interests within Indonesian contexts. Budi Hartono completed his Ph.D. study in the Department of Industrial & Systems Engineering, NUS. The study was conducted in the area of construction project management. In short, Budi was

investigating 'the risk of doing risk management' focusing on the identification of systemic and systematic human judgmental errors in the context of senior managers determining competitive bid prices. Budi is a Mechanical Engineer by training from Institut Teknologi Bandung (ITB) Indonesia and master degree in Project Management from the University of Queensland. In addition to the academic background, Budi has extensive hands-on experience in the Engineering & Construction field. His past roles centered on the best utilization of an advanced 3D CAD/CAE system for multi-disciplinary, concurrent engineering plant design projects. Budi is the former Yogyakarta Branch Director of the Project Management Institute Indonesia Chapter. His past exposures in industrial projects and the academic experience convinced him to earn a living and to contribute to the society in a slightly different way compared to his colleagues. He would stay on the current course of becoming a good engineer, researcher, and lecturer: a systems thinker.

Women in Industry and Academia Panel sponsored by Ford Motor Company

5:30 – 6:30 pm, August 5, 2025 – Room 1

Panel Chair



Dr. Nurul Rawaida Ain Burhani
Senior Lecturer | Industry Collaborator | Youth & Women Development Advocate
Senior Lecturer in Mechanical Engineering
Universiti Teknologi Malaysia (UTM)
Johor Bahru, Johor, Malaysia

Dr. Nurul Rawaida Ain Burhani is a Senior Lecturer in Mechanical Engineering at Universiti Teknologi Malaysia (UTM), specializing in the engineering applications of Artificial Intelligence for industrial process and quality optimization. Her research integrates AI-driven methods with DMAIC Six Sigma frameworks to drive sustainable improvements in manufacturing and engineering systems. As a certified SIRIM Six Sigma Green Belt recipient and multiple award winner, she collaborates extensively with industry partners across manufacturing and engineering services, translating research into real-world innovation for national industries and global SMEs alike. In addition to her research leadership, as an advisor to the UTM Industrial Engineering Club and faculty advisor for the IEOM Student Chapter, she nurtures young talent, fosters industry-academia linkages, and promotes leadership development among future engineers. Dr. Nurul Rawaida Ain is also a certified instructional designer with

international credentials. She champions transformative STEM education by embedding critical thinking, digital learning, and inclusive pedagogy into curriculum design. Her efforts have enhanced student engagement and academic outcomes across diverse learning environments. Her passion for empowering women is reflected in her active roles with the National STEM Association Malaysia and international youth organization; YOSH MyFundAction, where she leads impactful initiatives that support personal growth, career readiness, and leadership among young women, particularly in underrepresented communities. She has delivered numerous talks, workshops, and national-level training sessions to inspire greater female participation in engineering, technical fields, and academic leadership. As Panel Chair, Dr. Nurul Rawaida Ain brings a compelling vision built on a foundation of technical excellence, cross-sector collaboration, and an unwavering commitment to advancing women's roles in both industry and academia. Her leadership is driven by a belief that when women are empowered to lead, innovate, and educate; entire communities thrive.

Panel Speaker I

**Dr. Azizah Yusof**

Senior Lecturer I (Assistant Professor) | Educator | Researcher
Centre for Educational Sustainability Development and Strategies
INTI International University, Malaysia

Dr. Azizah is a Senior Lecturer I at the Centre for Educational Sustainability Development and Strategies, INTI International University, Malaysia. With extensive experience in both academia and industry, she has played a pivotal role in advancing Educational Technology, particularly through ICT-based service-learning initiatives. She has led several national best practice projects under the Ministry of Higher Education (MOHE), Malaysia, earning multiple awards for her contributions to educational innovation. Her research is widely published in peer-reviewed and indexed academic journals, reflecting her strong commitment to scholarship and the advancement of teaching and learning practices. Dr. Azizah has also served as an instructional designer, contributing significantly to the

development of online and blended learning courses at the UTM School of Professional and Continuing Education (UTM-SPACE) and the UTM Centre for Academic and Experiential Learning (UTM-CAEL). She played a key role in the UTM Massive Open Online Courses (MOOC) initiative, helping to expand accessible, high-quality learning opportunities. Beyond her contributions to course design, Dr. Azizah has taught a broad range of subjects including Information Technology, Multimedia and Communication, Educational Technology, Leadership and Management, and Networking. Her versatility and dedication to education are further demonstrated through her active involvement in the International Best Practice Competition (IBPC), where she serves as a jury panel member, evaluating and promoting exemplary benchmarking and global practices in industry. Her research portfolio includes leading several government-funded projects under the Service Learning Malaysia – University for Society (SULAM) initiative by MOHE, focusing on areas such as gamification, online learning, and blended instructional strategies. During her PhD journey, she was selected for a prestigious one-year Visiting Research Fellowship at Simon Fraser University, Canada, under the Canada-ASEAN Scholarships and Educational Exchanges for Development (SEED) program, engaging in impactful international research collaborations. Dr. Azizah remains a passionate educator and researcher, committed to fostering educational excellence through innovative pedagogy, curriculum development, and meaningful research.

Panel Speaker II

**Sara Nurmala, M.Farm.**

Department of Pharmacy
The Faculty of Mathematic and Natural Sciences
Universitas Pakuan
Bogor, Indonesia

Sara Nurmala is a lecturer at Department of Pharmacy, The Faculty of Mathematic and Natural Sciences, Pakuan University (since 2017). The focus of the research is innovation in developing natural product products to solve health problems in Indonesia. Her main academic research interests are focused on Natural Product Innovation and Development of pharmacological activity from combinations of natural ingredients. Her field of research is pharmacology, toxicology and product development from natural ingredients. Several natural product products have been created, including kencur cookies for breastfeeding mothers, lemon lemongrass ginger drink for immunity and also related to the safety of several natural ingredients such as kencur, katuk leaves, ginger and others. The research that Dr. Nurmala wants to develop is also related to research on the pharmacoeconomics of mothers who

breastfeed and those who do not breastfeed in terms of their child's health development. Currently she is still studying PhD at Institut Teknologi Bandung taking the pharmacology and clinical pharmacy science.

Panel Speaker III

**Dr. Syamsuriana Sidek**

Senior Lecturer, Faculty of Entrepreneurship and Business
Deputy Dean (Academic), Malaysian Graduate School of Entrepreneurship and Business (MGSEB)

Empowering Women Entrepreneurs via Sustainable Social Cyberpreneurship

Dr. Syamsuriana Sidek is a Senior Lecturer at the Faculty of Entrepreneurship and Business and currently serves as the Deputy Dean (Academic) at the Malaysian Graduate School of Entrepreneurship and Business (MGSEB), Universiti Malaysia Kelantan (UMK). She holds a Ph.D. in Entrepreneurial Finance, a Master of Entrepreneurship, and an Executive Diploma of Entrepreneurship Educators from UMK, alongside a Diploma in Digital Entrepreneurship from the Learning Resource Network (UK). She also earned a Bachelor of Business Administration (Hons) in Finance with First Class Honours and a Diploma in Banking from Universiti Teknologi MARA, where she was twice awarded the Vice Chancellor's Award. Recognised for her expertise in entrepreneurship, cyberpreneurship, digital entrepreneurship, financing small businesses, entrepreneurial finance, strategic and corporate entrepreneurship, innovation in entrepreneurial development and SME development, Dr. Syamsuriana is also a certified trainer under HRD Corp (ID 43759), MDEC (Digital

Entrepreneurship and eUsahawan), APWINC (IDEAS Project), Alibaba.com, Global E-Commerce Talent (GeT), and Google Cloud (G-Suite). She has secured 18 research grants in institutional, national, and international levels and produced over 40 publications across journals, proceedings, book chapters, and academic books, indexed in Scopus, MyCite, ERA, and other databases. Her work has received 921 citations (h-index 12) on Google Scholar, 631 citations (h-index 10) on ResearchGate, and 36 citations (h-index 3) on Scopus. As a technical reviewer, she contributes to journals indexed by MyCite, including the Advanced International Journal of Business, Entrepreneurship and SMEs (AIJBES), the International Journal of Entrepreneurship and Management Practices (IJEMP), the International Journal of Innovation and Industrial Revolution (IJIREV), the Advanced International Journal of Banking, Accounting and Finance (AIJBAF), and the International Journal of Modern Trends in Social Sciences (IJMTSS). She teaches extensively across both postgraduate and undergraduate levels. At the postgraduate level, she teaches courses such as Entrepreneurial Finance, Enterprise Planning, Small Business Management, New Venture Creation and Research Paper. At the undergraduate level, she teaches courses of Fundamental of Entrepreneurship, Entrepreneur Behaviour, Innovation Management in Entrepreneurship, Development and Management of New Enterprise, Strategic Entrepreneurship, Corporate Entrepreneurship, Apprentice Entrepreneurship, New Venture Operation, Forest Resources Management and Economics, Microeconomics, Macroeconomics and Human Resource Management. Currently, she supervises 6 PhD students and one master's student (research mode). Through her academic and professional roles, Dr. Syamsuriana continues to play a significant role in shaping Malaysia's entrepreneurial education landscape and fostering globally competitive entrepreneurial talent.

Panel Speaker IV



Linda Jati Kusumawardani
Lecturer, Department of Chemistry
Faculty of Mathematics and Natural Sciences
Universitas Pakuan
Bogor, Indonesia

Linda Jati Kusumawardani is a lecturer in the Department of Chemistry at the Faculty of Mathematics and Natural Sciences, Universitas Pakuan. She holds a Master's degree in Chemistry from Universitas Indonesia and a Bachelor's degree from ST MIPA Bogor, with expertise in photocatalysis, advanced materials, energy, and adsorbents. Linda is known for her active research in wastewater treatment and renewable energy, publishing her work in national and international journals and earning a strong SINTA score that reflects her research impact. She has secured competitive research grants, including funding from the Ministry of Research, Technology, and Higher Education, and has received recognition from Universitas Pakuan for her contributions to laboratory accreditation and curriculum development. In addition to her academic achievements, Linda is committed to community service,

leading training programs on food processing and environmental awareness, and is dedicated to integrating research with teaching to provide students with relevant and innovative scientific knowledge. Linda is also actively involved in enhancing laboratory quality and academic standards at Universitas Pakuan, having played a key role in the successful accreditation of the university's laboratory services according to ISO/IEC 17025:2017 standards. Her commitment to academic excellence extends to curriculum development, where she has contributed to the creation of practical chemistry modules and quality management courses. Linda's dedication to both research and education is evident in her ability to bridge theoretical knowledge with practical application, inspiring students to pursue innovative solutions in the field of chemistry.

Panel Speaker V



Retno Martanti Endah Lestari
Vice Dean for Academic and Student Affairs
Universitas Pakuan
Bogor, Indonesia

Sustainability Panel

5:30 – 6:30 pm, August 5, 2025 – Room 2

Panel Chair



Dr. Suwin Sandhu
Department of Industrial Engineering
Faculty of Engineering
Chiang Mai University
Chiang Mai, Thailand

Panel Speaker I



Dr. Hilya Mudrika Arini
Associate Professor
Department of Industrial Engineering
Universitas Gadjah Mada
Yogyakarta, Indonesia

Dr. Hilya Mudrika Arini is an Associate Professor in Industrial Engineering at Universitas Gadjah Mada, Indonesia, and currently serve as a Japan–ASEAN Science, Technology and Innovation Coordination Fellow under AUN/SEED-Net. In this role, she facilitates interdisciplinary research collaborations between ASEAN countries and Japan, focusing on solving regional challenges through science, technology, and innovation. Her research integrates systems thinking to tackle real-world issues such as renewable energy adoption, climate policy

communication, and disaster management. Dr. Arini specializes in system dynamics, agent-based modeling, and evidence-based communication strategies to support policy development and public engagement. With a strong track record of collaborative projects across Australia, Europe, and

Asia, Dr. Arini strives to bridge academia, industry, and government to co-create sustainable and impactful solutions. Her current work includes analyzing public perceptions of climate change, designing gamified simulations for community learning, and supporting policy pathways for solar energy transition in Indonesia.

Panel Speaker II



Dr. Putu Ika Wahyuni
Department Master of Infrastructure and Environmental Engineering
Warmadewa University (UNWAR)
Denpasar, Bali, Indonesia

Panel Speaker III



Dr Nurul Husna Binti Mohd Yusoff
Research Fellow and Principle Investigator
Faculty of Mechanical Engineering
Universiti Teknologi Malaysia
Skudai, Johor, Malaysia

She is a Principle Investigator for the project titled 'Smart and Sustainable 3D printing System using Deep Learning Approach'. Involve in development of coding using MATLAB for predictive analysis of energy consumption for metal 3D printing based on its G-code lines. Active in innovation and community programs, student supervision and publications. Leading a social enterprise that aims to tackle food waste and carbon emission issues through innovative solutions. Also, immense experiences with student education programs and wide engagement with higher education institutions as education speakers, consultancies and innovation social activities.

Artificial Intelligence and Data Analytics Panel

2:00 – 3:30 pm, August 6, 2025 – Room 1

Panel Chair



Dr. Abdul Talib Bon
Professor
Department of Production and Operations Management
Universiti Tun Hussein Onn Malaysia

Dr. ABDUL TALIB BON is a Professor of Operations and Engineering Management in Department of Production and Operations Management, Universiti Tun Hussein Onn Malaysia since 2015. He was the founder for the faculty. He obtained his PhD in Computer Science with Very Honourable from the Universite de La Rochelle, France. His doctoral thesis was on topic Process Quality Improvement. He studied Business Administration major in Operations Management at the master's level in the Universiti Kebangsaan Malaysia for which he was awarded the MBA in the year 1998. He's bachelor degree and diploma in Mechanical Engineering which he obtained from the Universiti Teknologi Malaysia. He is Director of Teaching Factory from September 2016 until December 2024 and Head of Program, Bachelor of Technology Management (Furniture Design and Manufacturing) with Honours from 2014 until 2017. Before this he was the Deputy Dean (Research and Development) at the Faculty of Technology Management and Business from 2008 until 2011.

Dr. Abdul Talib Bon has had over 36 years experiences of teaching in higher learning education. In this university, he teaches Operations Management, Industrial Engineering, Project Management, Supply Chain and Logistics Management, and Modelling Simulation at the undergraduate and post graduate program. Dr. Abdul Talib Bon also holds an honorary Visiting Professor position with the several universities in Indonesia and Philippines such as UNPAD, UNPAK, UMTAS, STIESIA, USU, UNNAR, UWKS and CTU. He also Visiting Professor at Oriental University, Tashkent, Uzbekistan. He has served as an academic program external examiner for various public and private universities in Malaysia, Indonesia and Philippines.

Dr. Abdul Talib Bon regularly appears at international conferences as a Keynote Speaker, sharing his expert on production and operations management. Over the years, he presented his research at various international conferences, including Tashkent, Singapore, Dubai, Bandung, Bali, Manado, Detroit, Bangkok, Phuket, Riyadh, Tokyo, Sydney, Seoul, Ho Chi Minh City, Hong Kong, Manila, London, Bristol, Gdynia, Salzburg, Mumbai and Dhaka. He has multidisciplinary research interests that encompass in operation management. His completed 20 research grant projects as project leader and member. He has supervised more than 100 undergraduate and 50 postgraduate research projects. Dr. Abdul Talib Bon has served as the Editor in Chief, Editorial Board and Reviewer for a number of Engineering Management and Industrial Engineering and Operations Management journals and conference proceedings as part of his expertise sharing initiatives. He had published more than 354 documents, 750 Citation and H-Index 11 in Scopus, 4368 citation and H-Index 30 in Google Scholar. He also published 2 books in title Industrial Management and 4 books in title Engineering Management. He is also President of Industrial Engineering and Operation Management Society (IEOMS, Malaysia Chapter), Global Council member of Industrial Engineering and Operation Management Society (IEOMS), senior member of International

Association of Engineers (IAENG), member of Institute of Industrial Engineer (IIE), USA, member of International Institute of Forecasters (IIF) and member of Management Science and Operation Research Society of Malaysia (MSORSRM).

Panel Speaker I



Dr. Ir. Lina Gozali
Associate Professor
Department of Industrial Engineering
Tarumanagara University
Jakarta, Indonesia

Lina Gozali is an associate professor of Industrial Engineering Department at Universitas Tarumangara since 2006 and a freelance lecturer at Universitas Trisakti since 1995. She got her Bachelor degree at Trisakti University, Jakarta – Indonesia, then she graduated Master Degree at STIE IBII, Jakarta – Indonesia, and graduated her Ph.D at Universiti Teknologi Malaysia, Kuala Lumpur – Malaysia in 2018. Her apprentice college experience was in paper at Kertas Bekasi Teguh, shoe at PT Jaya Harapan Barutama, automotive chain drive industry at Federal Superior Chain Manufacturing. She teaches Production System and Supply Chain Management Subjects and her Ph.D research about Indonesian Business Incubator. She actively writes for almost 40 publication since 2008 in Industrial Engineering research sector such as: Production Scheduling, Plant Lay Out, Maintenance, Line Balancing, Supply Chain Management, Production Planning and Inventory Control. She had been worked at PT.

Astra Otoparts Tbk as International Business Development Department for 4 years, Citibank, N.A as customer service for 1 year, PT. Pandrol as assistant marketing manager for 1 year. PT. Texmaco as merchandiser for 3 years.

Panel Speaker II



Ahad Ali, Ph.D.
Associate Professor
Director, Doctor of Engineering in Advanced Manufacturing
Director of Industrial Engineering Programs (BS and MS)
Director, Undergraduate and Graduate Certificates in Lean Six Sigma
Coordinator, Siemens Electro-Matic Industrial Engineering Lab
A. Leon Linton Department of Mechanical, Robotics and Industrial Engineering
Lawrence Technological University, Southfield, Michigan, USA
Chief Executive Officer of IEOM Society International

Dr. Ahad Ali is an associate professor and director of industrial engineering programs (BSIE & MSIE) and director of a graduate certificate in Lean Six Sigma at A. Leon Linton Department of Mechanical, Robotics, and Industrial Engineering of the Lawrence Technological University (LTU), Southfield, Michigan, USA. He established the Siemens Electro-Matic Industrial Engineering Lab at LTU. Dr. Ali was the primary author of the ABET self-study report of the BSIE Program at LTU in 2022. He earned a BS in Mechanical Engineering from Khulna University of Engineering and Technology (KUET), Bangladesh, a Master's in Systems and Engineering Management from Nanyang Technological University, Singapore, and a Ph.D. in Industrial Engineering from the University of Wisconsin-Milwaukee, USA. Dr. Ali was an Assistant Professor in Industrial Engineering at the University of Puerto Rico – Mayaguez, a Visiting Assistant Professor in Mechanical, Industrial, and Manufacturing Engineering at the University of Toledo, and a Lecturer in Mechanical Engineering at the Bangladesh Institute of Technology, Khulna. He received an Outstanding Professor Award from the Industrial Engineering Department, University of Puerto Rico -Mayaguez. Dr. Ali has been recognized with a Fulbright Award. He has published 75 journal papers and 150 conference papers. Dr. Ali conducted research projects with Chrysler, Ford, DTE Energy, New Center Stamping, Whelan Co., Delphi Automotive System, GE Medical Systems, International Truck and Engine Corporation (ITEC), and Rockwell Automation. His research interests include manufacturing systems, quality, lean, six-sigma, simulation, artificial intelligence, supply chain, and optimization. He supervised 11 doctoral students in Doctor of Engineering in Manufacturing Systems (DEMS). He is a Founder and Chief Executive Officer (CEO) of IEOM Society International. Dr. Ali is a Co-Chair of the International Conference on Industrial Engineering and Operations Management. Dr. Ali organized IEOM conferences around the globe on six continents including Dhaka, Kuala Lumpur, Istanbul, Bali, Dubai, Orlando, Detroit, Rabat, Bristol, Bogota, Paris, Washington, DC, Lima, Johannesburg, Bangkok, Pilsen, Toronto, Costa Rica, Monterrey, Sao Paulo, Riyadh, Manila, Melbourne, New Delhi, Sydney, Augsburg, Tokyo, and Muscat. He is an associate editor of the IJIEOM. Dr. Ali is a member of IEOM, INFORMS, SME, and IEEE.

Panel Speaker III



Dr. Dino Caesaron
Associate Professor in Industrial Engineering
Chairman, Department of Industrial Engineering Graduate Program
Telkom University, Indonesia

Dr. Dino Caesaron holds the position of Associate Professor in the Department of Industrial Engineering at Telkom University, Indonesia. With over 15 years of academic and professional experience, he specializes in Human Factors/Ergonomics, Human Performance in Virtual/Augmented Reality, and Product Design Development. Dr. Dino has contributed numerous publications to international journals and conferences, particularly focusing on Human Factors/Ergonomics in Virtual/Augmented Reality and Product Design Development. Beyond his academic research, he actively engages in various industry collaborations and community-based projects related to Human Factors/Ergonomics. Currently, he serves as the Chairman of the Department of Industrial Engineering Graduate

Program at Telkom University and is the Head of the Indonesian Ergonomics Association for the West Java region. Additionally, he is a member of Product Development and Management Association (PDMA) in Indonesia. Dr. Caesaron also serves as a reviewer and editorial board member for several reputable journals and has participated as a speaker and committee member in international academic forums.

Panel Speaker IV



Dr. Twin Yoshua
Head of Industrial Engineering Bachelor Program
Faculty Member in Industrial Engineering Department
Universitas Atma Jaya Yogyakarta
Yogyakarta, Indonesia

Panel Speaker V



Asep Denih, S.Kom., M.Sc., Ph.D.
Dean
Faculty of Mathematics and Natural Sciences
Senior Lecturer, Computer Sciences
Universitas Pakuan
Bogor, Indonesia

Asep Denih, S.Kom., M.Sc., Ph.D. earned his undergraduate degree in Informatics Engineering from Gunadarma University (1996), his master's degree in Information Technology from IPB University (2005), and his doctoral degree in Information Technology from the University of Miyazaki, Japan (2019). His professional experience includes roles as Head of Laboratory, Programme Secretary, and Research Assistant in Japan. He is currently active as a reviewer for various national and international journals. His areas of expertise include geographic information systems, remote sensing, machine learning, and Internet of Things (IoT) technology. He has led

numerous research projects related to spatial data, environmental monitoring, digital agriculture, and renewable energy. Many of his research findings have been published in reputable journals and presented at international conferences, including the IEOM Society. He has authored more than fifteen reference books and holds six registered copyrights in the fields of technology and education. Prof. Asep Denih is also active as a plenary speaker, international competition judge, and global conference facilitator in the field of science and technology. He has received multiple awards from both national and international institutions, including overseas scholarships from the Ministry of Research and Higher Education, community service grants, and recognition for his contributions to doctoral supervision and innovation in technology-based research.

Innovation and Entrepreneurship Panel

2:00 – 3:30 pm, August 6, 2025 – Room 2

Panel Chair



Dr. Nagajyothi Koripella
Pro VC
Bharatiya Engineering Science & Technology Innovation University (BESTIU)
Gownivaripalli, Gorantla, Andhra Pradesh, India

Dr K Nagajyothi, AICTE Margadarshak, NAAC peer team chairman and Pro Vice-chancellor of Bharatiya Engineering science and technology innovation university has 24 years rich academic experience in various reputed academic universities and colleges across South India. Dr Jyothi has published 31 research papers in journals and presented 46 papers in conferences. She has three patents to her credit in which two are granted, one by Indian Patents and other by Australian patents. She has received best innovator and best researcher award for the Indian patent. She is the recipient of many awards for academics and community services. To name a few recent ones include Exemplary women in education award by Asia Today in 2020, Best youth worker award by Indian Srilankan embassy in 2019, the super woman award by Star network in 2022 apart from many best teacher awards. recently

she has been honoured as the Best Education Leader in Hyderabad by forever star group. Her long academic service has facilitated her to get recognised by AICTE as margadarshak in 2018 to guide higher educational institutions to improve quality of education and acquire accreditation. Dr Jyothi has been recognised as an expert committee member by Ministry of education for NEAT and SLA. With rich expertise in accreditation process of NAAC, NBA, Dr Jyothi has been guiding many colleges presently towards accreditation. As a NAAC peer team chairman, Dr Nagajyothi Visited many universities and colleges across the country and guided many colleges for NAAC and NBA accreditation.

Panel Speaker I



Towaf Totok Irawan, Ph.D.
Dean
The Faculty of Economics and Business (FEB)
Pakuan University Bogor
Kota Bogor, Jawa Barat, Indonesia

Panel Speaker III



Dr Muhammad Ikhsan Setiawan
Chairman of the Entrepreneurship Program
Maritime University AMNI
Semarang, Indonesia

Muhammad Ikhsan Setiawan received his Bachelor's degree in Civil Engineering (1998) from Universitas Merdeka Malang, Indonesia, his Master's degree in Civil Engineering (2000) from Universitas Indonesia, Jakarta, and his Doctorate in Civil Engineering (2018) from Universitas Tarumanagara, Jakarta, Indonesia. He is currently the Chairman of the Entrepreneurship Program at Maritime University AMNI, Semarang, Indonesia, and also a registered Certified Expert Engineer. Since 2009, he has led several research teams funded by grants from the Ministry of Education, Indonesia, focusing on airports, renewable energy, smart urban and village development, smart public transportation, and smart tourism. He is the author of 113 SCOPUS-indexed documents with 734 citations, and has published 295 Google Scholar-indexed documents with 2,320 citations. He is also the Founder and Chairman of several international initiatives, including the World Conference (International Conference), the Malaysia Uzbekistan Indonesia Conservation Center (MUICC) in Tanjong Malim, Malaysia, and iPEST

(International Scientists in Economics, Social Sciences, and Technology). In addition, he is a member of IEEE and serves as an editor and reviewer for journals indexed in SCOPUS, DOAJ, CROSSREF, Google Scholar, and SINTA (Indonesia).

Panel Speaker III



Dr. Musnaini
Lecturer in Management Department
Faculty of Economics and Business, and Master of Management
Universitas Jambi
Indonesia

Musnaini is a lecturer in Management Departement of Faculty of Economics and Business, and Master of Management of Universitas Jambi, Indonesia. Mrs.Musnaini holds a Bachelor of Economic Science degree in Financial Management from STIE Malangkeucwara Malang; Masters in Marketing Strategic from Brawijaya University, Malang, Indonesia; and Doctoral in Marketing of Economic Science from Airlangga University Surabaya, Indonesia. She is the managing member of The Small Business Strategy Group, Indonesia Marketing Associate Member, and member of Ikatan Sarjana Ekonomi Indonesia. She is daughter from M.Khatib Husaini (father) and Asia Harmain (Mother). She has been recognized as a professional management consultant (Sangkara Consulting) by 2021 until now, over 5 years of experience in working with closely-Palm Plantation Industry. She has taught Expertise Cluster: Management and Policy; her expertise field is Industrial Management." This cluster encompasses various aspects of industrial management, including production analysis, human resource development, marketing,

research and development, and the management and integration of various methods to solve industrial management issues. She has taught courses in Marketing Science, management and corporate entrepreneurship and innovation for small business enterprise. She served as member of the Expertise Team in Economic and Finance Committee (2020-2023 and Bapemperda (2024-now) of DPRD Jambi Province, Indonesia. Her publications appeared International Journal and National Journal.

Panel Speaker IV



Mr. Abel Gandhi
Head of Quality Assurance Unit Management Study Program
Faculty of Economics and Business
Pakuan University
Bogor, Indonesia

Panel Speaker V



Dr. Wresni Anggraini
Senior Lecturer
Department of Industrial Engineering
Faculty of Science and Technology
Universitas Islam Negeri Sultan Syarif Kasim Riau
Indonesia

Dr. Wresni Anggraini is a senior lecturer at the Department of Industrial Engineering, Faculty of Science and Technology, Universitas Islam Negeri Sultan Syarif Kasim Riau. Focuses on research with topics: Halal Supply Chain Management, Halal Product Management, Lean Management, Production Planning Control, and Micro, Small and Medium Industries. Active as an entrepreneur since 2006 until now. She received a Ph.D. from Universitas Gadjah Mada, a Master of Management from Universitas Gadjah Mada and a Bachelor's in Industrial Engineering from Universitas Islam Indonesia. Bachelor Thesis: Value Engineering Study in System Design: Case of Business Class Passenger Train Seating System of Perumka, Indonesia (1998). Master's Thesis: Testing The Forward Unbiased Hypothesis in The Foreign Exchange Market (2001). Doctoral Dissertation: Halal Supply Chain Traceability Model for Broiler Chickens with Lean Knowledge Management Approach (2024). Founder & Owner of ACR Rent Car since 2006.



Dr. H. Nuryadi, S.Sos, M.M.
Founder and President of Polindo International and STIE PEMUDA (Industrial Entrepreneur)
Surabaya, East Java, Indonesia

A Ph.D. holder in Economics from University of 17 August 1945 Surabaya. He received his Master's degree in Management from University of Narotama and a Bachelor's degree in Computerized Accounting from STIKOM Surabaya. He began his academic career in Electronics and Computer Engineering at Institute Elektronika Indonesia (IEI). He has over 20 years of experience in vocational education, institutional leadership, and entrepreneurship training. His core expertise includes vocational system development, education management, workforce empowerment, public speaking, and entrepreneurship education. He started his leadership journey by founding POLINDO and STIE PEMUDA in the early 2000s, focusing on aligning education with industry needs. He is the initiator of the "Grow and Give Benefits" education model, promoting practical and adaptive learning. Dr. Nuryadi currently serves as Vice Chairman I of HIPKI Surabaya and Advisor to DPC HISPI Surabaya. He has also

served as a board member of KADIN Surabaya, Entrepreneur Associate Surabaya, and APINDO (Indonesian Employers Association). He is currently the Chairman of APLIKASI East Java, Chairman of FORLAT Vokasi East Java, and Vice Chairman VII of DPP FORLAT Indonesia in Information Systems. He is also a member of the Accreditation Committee for Vocational Training Institutions (KA-LPK) East Java. Throughout his career, he has empowered thousands of students and professionals through programs in leadership, digital marketing, and entrepreneurship. His leadership is rooted in strong values such as integrity, responsibility, faith, and impact. He continues to be a key figure in shaping vocational education in Indonesia.

Business Management Education Panel

4:00 – 5:30 pm, August 6, 2025 – Room 1

Panel Chair



Dr. Ir. Ho Hwi Chie, IPU., ASEAN, Eng.
Associate Professor of Industrial Engineering
Faculty of Engineering
BINUS University, Indonesia

Managing Growth in Higher Education: Lessons from BINUS University's Expansion Journey

Dr. Ir. Hwi Chie Ho, IPU., ASEAN Eng. is a professional engineer and Associate Professor in Industrial Engineering at Bina Nusantara University (BINUS), Indonesia. Formerly Dean of the Faculty of Engineering and BASE (2009-2022), her expertise lies in ergonomics and industrial psychology. A committed IISE member and faculty advisor, she led BINUS Student Chapter # 716 to win the Gold Award (2012-2023) and received multiple regional awards. As an IEOM Fellow and frequent speaker, she actively contributes to global academic forums. Previously CEO of

Audi and Volkswagen Indonesia, she was named one of SWA Magazine's Top 40 Executives in Indonesia in 2002.

Panel Speaker I



Dr. Anak Agung Ngurah Perwira Redi
Head of Industrial Engineering Study Program
Sampoerna University
Jakarta, Indonesia

Presentation Title: Generative AI for Engineering and Neurodiversity Education: Empowering Inclusive Learning through Intelligent Technologies

Panel Speaker II



Dr. Agus Wicaksana
Lecturer in Business Analytics
Adelaide Business School
University of Adelaide, Australia

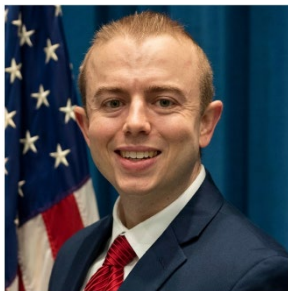
Presentation Title: The use of AI for teaching in Business School

Agus Wicaksana is a lecturer in Business Analytics at the Adelaide Business School, University of Adelaide. Prior to this role, Agus was an associate lecturer at the University of Melbourne. His research interests focus on risk management in firm operations and supply chains. He utilises quantitative empirical research methods to analyse secondary data from various databases. Agus is currently part of the Editorial Review Board Developmental Program for the Journal of Supply Chain Management, a premier journal in operations and supply chain management. Recently, he participated in two research projects under the Partnership for Australia-Indonesia Research (PAIR), supported by the Australia-Indonesia Centre (AIC). These projects investigated the digital literacy and analytics competencies of supply chain and healthcare workers in South Sulawesi, Indonesia. Agus received the Melbourne Research Scholarship for his PhD at the University of Melbourne and completed his master's degree

in Supply Chain Management through the prestigious Australia Awards Scholarship. Additionally, he received an outstanding student award from

the Royal Institution of Naval Architects (RINA) for his bachelor's thesis. Before transitioning to an academic career, Agus worked as an operations and supply chain professional in Indonesia.

Panel Speaker III



Dr. Nathan Gaw
Chief Technology Officer (CTO) of sudo.rndm.ai
Assistant Professor of Data Science in the Department of Operational Sciences
Air Force Institute of Technology (AFIT), Wright-Patterson AFB, Ohio, USA

Presentation Title: How AI is reshaping U.S. education: opportunities and pitfalls.” I could touch on where schools are struggling to keep up, what educators actually need to understand (not just the ChatGPT/LLM hype), and some practical takeaways.

Panel Speaker IV

Dr. Mohamad Anas
Universitas Multimedia Nusantara
Gading, Serpong
Tangerang, Banten
Indonesia

Lean Six Sigma Panel – Online

5:30 – 6:30 pm, August 5, 2025 – Zoom Room 6

Panel Chair

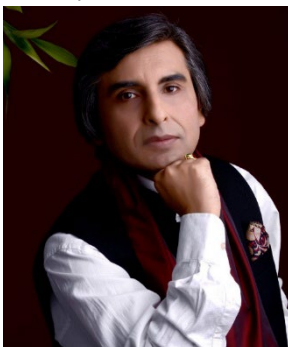


Dr. Marc B. Hermo IV, DBA
Educator | Process Consultant | Business Transformation Leader
Miriam College, Higher Education Unit
INNOVEO Consulting
Quezon City, Philippines

Dr. Marc B. Hermo IV, DBA is a seasoned operations executive, educator, and business transformation leader with over 25 years of experience driving innovation, process improvement, and strategic change across global organizations and SMEs. He is currently a faculty member at Miriam College, teaching Operations Management and related subjects, and serves as Chief Transformation Officer of INNOVEO Consulting, a firm he founded to help companies build operational excellence and innovation capability. Marc is a certified Lean Six Sigma Master Black Belt and a recognized expert in process automation, organizational transformation, and strategic execution. He has held senior leadership roles at Intel, Dell, JP Morgan Chase & Co., and Cognizant, where he led high-impact

Lean Six Sigma programs, developed enterprise-wide transformation strategies, and delivered measurable improvements in quality, cost-efficiency, and customer experience. He earned his Doctor of Business Administration (DBA) from California Southern University (Magna Cum Laude) with a dissertation on the integration of Lean Six Sigma and Robotic Process Automation (RPA)—a timely contribution to sustainable digital transformation. He also holds an MBA from the Asian Institute of Management and a BS in Metallurgical Engineering from UP Diliman. An advocate for inclusive development, Marc supports micro and small enterprises through Entrepinoy Volunteers Foundation, Inc. Across academe, consulting, and industry, he continues to bridge strategy and execution to drive sustainable, people-centered transformation.

Panel Speakers



Satya Saurabh Khosla
Owner and Managing Director
Adimode Transnational Trading LLC
Dubai, UAE

Satya Saurabh Khosla was a joint venture partner of Suzuki Motorcycle (Pvt) Ltd was Vice Chairman of the company till he sold his stake before the recession in 2008. He predicted the 2008 global economic recession in an article that was published a few days before the USA and global stock indices started falling. This article stated that USA Housing, excessive misuse of derivatives etc. will lead the global economy to a recession. The article's mathematical calculation showed that the pain would become evident to all after December 2007. The author felt it is of more interest if a way to prevent it is pointed out. The book titled: How to Prevent Recession – using Ancient Wisdom and Management Ideas carries a Foreword by His Holiness the Dalai Lama and is reviewed by Prof Sir Cary Cooper of Manchester Business School and former Director of Indian Institute of Management, Ahmedabad – Prof Pradip Khandwalla. His Holiness the Dalai Lama concludes his review as follows: “...This is a very profound concept put in a very simple and elegant format.” In 2017 The World Economic Forum presented its report on

Future of Government to every national and state government. This report lists 24 sources in its end notes. At no. 5 is the work: How to Prevent Recession – using ancient wisdom and management ideas (Author: Satya Saurabh Khosla). He has just completed a book of Essays in Mathematics, Sciences, Economics and Management and How to Prevent Recession. His Holiness the Dalai Lama concludes in the Foreword “...with a view to strengthen the economy and benefit the widest number of people, Satya Saurabh Khosla has examined how to apply ancient wisdom...”. He has been a Chief Guest and keynote speaker at international conferences. He written the course material for the World's largest Open University, was on the Course Design Committee of the National Management Program and Member, Advisory Committee, National Conference on Government Policy and Corporate Strategy: Interlink ages – Organized by Indian Institute of Management, Ahmadabad. India. The WASC Senior College and University Commission in USA has asked for a copy of his work.



Prof. Dr. Eriki Ananda Kumar
Dean Research and Development
Professor in Mechanical Engineering
MJR College of Engineering and Technology
Piler, Andhra Pradesh, India

Presentation Title: Experimental confirmation of the impact of pre-heating on tool life-assisted end milling during the Ti6Al4V selective parameter

Professor Eriki Ananda Kumar received his Ph.D. in Mechanical Engineering from VELs University, India. He earned Master of Engineering with specialization of CAD from Sathyabama University, India. He holds a Bachelor of Technology in Mechanical Engineering from JNTUH, India. Additionally, a mechanical engineering diploma and a competent welding certification are required. Dr. Eriki is a Professor and Dean R&D of Mechanical Engineering in MJRCET, India; He was an Associate Professor of Automotive Engineering in FTVETI University, Ethiopia and Assistant Professor of Mechanical Engineering in VEMU Institute of Technology, India. Also worked as a Senior Lecturer in Nilai Univeristy, Malaysia, Lecturer in Caledonian College of Engineering in OMAN and SEGi Univeristy in Malaysia and Instructional writer in The Automotive College in Malaysia. He visited 14 countries to organize/participate conferences as a Keynote speaker with over 20 years of experience in academics and research. He has 3 PATENTS and published more than 40 journals with SCOPUS & Indexd; SCI and conference papers since 2010. Publish 3-BOOKS in the area of recent developments in engineering research at London & India. Also His research area includes titanium alloys, Nanotechnology, Simulation Modeling and Analysis. He is actively supervising undergraduates, master and PhD students in the area of mechanical and automotive engineering. He is a member of International Association of Engineers and Institution of Engineers Malaysia, also an associate editor of IIER, IASTEM, IJMSE, OGCE, IJMEA, and IISEM, reviewer for IJSTM, IJEX and IJMCMR.

Panels

2:00 – 3:30 pm, August 5, 2025 – Room 1

Panel on Lean Six Sigma 2025 IEOM Bali Conference

Moderators



Ts. Dr. Muhd Ikmal Isyraf bin Mohd Maulana
Senior Lecturer & Postgraduate
Program Coordinator (IE)
Universiti Teknologi Malaysia



Dr. Mohammad Agung Saryatmo
Lecturer, Industrial Engineering
Department
Tarumanagara University
Jakarta, Indonesia

Panelists



Rhodora Buluran, DBA, PIE
Faculty, Dept. of Industrial Engg.
Chief -Internal Audit Office
Polytechnic University of the
Philippines



Harish Babu, Ph.D.
Deputy Manager (Materials
Management)
Central Mine Planning and Design
Institute Limited
Ranchi, Jharkhand, India



Dr. Marc B. Hermo IV, DBA
Transformation Leader
Miriam College, Higher Education
Unit
INNOVEO Consulting
Quezon City, Philippines

2:00 – 3:30 pm, August 5, 2025 – Room 2

Panel on Industry 4.0

2025 IEOM Bali Conference

Panel Chair



Ts Dr Ihfasuziella Binti Ibrahim

Senior Researcher
Construction Research Institute of Malaysia (CREAM)
Cyberjaya Selangor, Malaysia

Panelists



Alias Abdul Rashid
Head of Maintenance
Unit
KLCC Urusharta Sdn.
Bhd.
Malaysia



**Prof. Ir. Ts. Dr. Hj.
Mohd Khairolden
Ghani**
Senior Manager
Consultancy and
Inspection
Construction Research
Institute of Malaysia
(CREAM)



Dr Natasha Dzulkalnine
Senior Lecturer
Universiti Teknologi MARA
(UiTM)
Cawangan Selangor
Kampus Puncak Alam
Malaysia



**Dr. Nor Aziati Abdul
Hamid**
Associate Professor
Production and
Operations Management
Dept., UTHM
Head of the Industrial
Centre of Excellence for
Railway (ICoE-Rail)

4:00 – 5:30 pm, August 5, 2025 – Room 1

Panel on Global Supply Chain and Logistics

2025 IEOM Bali Conference

Moderator / Panel Chair



Dr. Ir. Yuary Farradia

Vice Rector Human Resource and Finance
Senior Lecturer, Faculty of Economic and
Business, School of Postgraduate
Universitas Pakuan, Bogor, Indonesia

Panelists



Retno Martanti Endah Lestari

Vice Dean for Academic and
Student Affairs
Universitas Pakuan
Bogor, Indonesia



Tengku Nurainun, Ph.D.

Associate Professor of Industrial
Engineering
Universitas Islam Negeri Sultan Syarif
Kasim Riau, Indonesia



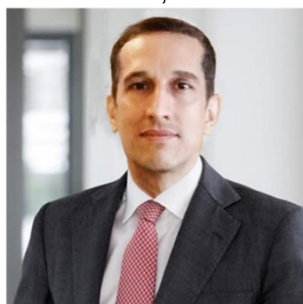
Dr. Erialdi Syahril

Senior Lecturer, Faculty of
Business and Economics
Universiti Malaya (UM)
Kuala Lumpur, Malaysia



Dr Muhammad Faisal

Assistant Professor
Business Administration
Ghazi University
Pakistan



Ts. Dr. Mehran Doulat

Director of Asia-Pacific Centre for
Operational Excellence (APCOE)
Senior Academic Faculty
MBA-ODL —Technology and Operations
Management Coordinator
Universiti Teknikal Malaysia Melaka



**Associate Prof. Dr. Mohammad
Nazri Bin Mohd Nor**

Department of Management &
Marketing, Faculty of Business and
Economics
Universiti Malaya
Kuala Lumpur, Malaysia

4:00 – 5:30 pm, August 5, 2025 – Room 2

Project Management Panel

2025 IEOM Bali Conference

Moderator / Panel Chair



Dr. Indra Gunawan

Associate Professor, Adelaide Business School
Faculty of Arts, Business, Law and Economics
The University of Adelaide, Australia

Panelists



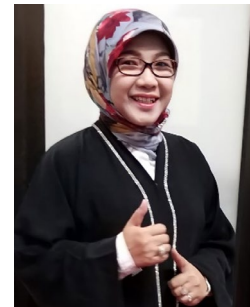
Dr Andri Irfan Rifai

Professor and Dean
Faculty of Civil Engineering &
Planning, Batam International
University (UIB), Batam, Indonesia



Dr. Muhammad Isradi

Lecturer, Civil Engineering
Universitas Mercu Buana
Jakarta, Indonesia



**Prof. Dr. Ir. Mudjiastuti
Handajani, M.T.**

Professor of Civil Engineering,
Faculty of Engineering, Universitas
Semarang, Indonesia



**Dr Mohd Faridh Ahmad
Zaharuddin**

Senior Lecturer, Dept. of Materials,
Manufacturing and Industrial Eng.
Faculty of Mechanical Engineering
Universiti Teknologi Malaysia
Skudai, Johor, Malaysia



Professor Budi Hartono

Head of Department of Mechanical
and Industrial Engineering
Universitas Gadjah Mada (UGM)
Yogyakarta, Indonesia

5:30 – 6:30 pm, August 5, 2025 – Room 1

Women in Industry and Academia Panel

Sponsored by Ford Motor Company

2025 IEOM Bali Conference

Panel Chair



Dr. Nurul Rawaida Ain Burhani

Senior Lecturer | Industry Collaborator | Youth & Women Development Advocate
Senior Lecturer in Mechanical Engineering, Universiti Teknologi Malaysia (UTM), Johor. Malaysia

Panelists



Dr. Azizah Yusof

Senior Lecturer, Centre for
Educational Sustainability
Development and Strategies
INTI International University, Malaysia



Sara Nurmala, M.Farm.

Department of Pharmacy
The Faculty of Mathematic and
Natural Sciences
Universitas Pakuan
Bogor, Indonesia



Dr. Syamsuriana Sidek

Senior Lecturer, Faculty of
Entrepreneurship And Business
Universiti Malaysia Kelantan
Kota Bharu, Kelantan, Malaysia



Linda Jati Kusumawardani

Lecturer, Department of Chemistry
Faculty of Mathematics and Natural
Sciences
Universitas Pakuan, Indonesia



Retno Martanti Endah Lestari

Vice Dean for Academic and
Student Affairs
Universitas Pakuan
Bogor, Indonesia

5:30 – 6:30 pm, August 5, 2025 – Room 2

Sustainability and Environment Panel

2025 IEOM Bali Conference

Moderator / Panel Chair



Dr. Suwin Sandhu

Department of Industrial Engineering
Faculty of Engineering
Chiang Mai University
Chiang Mai, Thailand

Panelists



Dr. Putu Ika Wahyuni

Department Master of
Infrastructure and
Environmental Engineering,
Warmadewa University
(UNWAR)
Denpasar, Bali, Indonesia



Dr. Hilya Mudrika Arini

Associate Professor
Department of Industrial Engineering
Universitas Gadjah Mada
Yogyakarta, Indonesia



Dr Nurul Husna Binti Mohd Yusoff

Research Fellow and Principle
Investigator
Faculty of Mechanical Engineering
Universiti Teknologi Malaysia
81310 Skudai, Johor, Malaysia

2:00 – 3:30 pm, August 6, 2025 – Room 1

Artificial Intelligence & Data Analytics Panel

2025 IEOM Bali Conference

Moderator / Panel Chair



Dr. Abdul Talib Bon

Professor, Department of Production and Operations Management
Universiti Tun Hussein Onn Malaysia

Panelists



Dr. Ir. Lina Gozali

Professor, Department of
Industrial Engineering
Tarumanagara University
Jakarta, Indonesia



Ahad Ali, Ph.D.

Associate Professor
Director, DEng in Adv Mfg
Director, BSIE & MSIE
Lawrence Tech University, USA



Dr. Dino Caesaron

Associate Professor in Industrial
Engineering and Chairman,
Industrial Eng. Graduate
Program
Telkom University, Indonesia



Dr. Twin Yoshua

Head of IE Bachelor Program
Universitas Atma Jaya
Yogyakarta
Yogyakarta, Indonesia



Asep Denih, S.Kom., M.Sc., Ph.D.

Dean, Faculty of Mathematics and
Natural Sciences
Senior Lecturer, Computer Sciences
Universitas Pakuan, Indonesia

2:00 – 3:30 pm, August 6, 2025 – Room 2

Innovation and Entrepreneurship Panel

2025 IEOM Bali Conference

Moderator / Panel Chair



Dr. Nagajyothi Koripella

Pro VC, Bharatiya Engineering Science & Technology Innovation University (BESTIU)
Gownivaripalli, Gorantla, Andhra Pradesh, India

Panelists



Towaf Totok Irawan, Ph.D.
Dean
The Faculty of Economics and
Business (FEB)
Pakuan University Bogor
Jawa Barat, Indonesia



Dr. Muhammad Ikhsan Setiawan
Chairman of the
Entrepreneurship Program
Maritime University AMNI
Semarang, Indonesia



Dr. Musnaini
Lecturer in Management
Faculty of Economics and
Business
Universitas Jambi
Indonesia



Mr. Abel Gandhy
Head of Quality
Assurance Unit
Management Study
Program, Faculty of
Economics and Business
Pakuan University,
Indonesia



Dr. Wresni Anggraini
Senior Lecturer
Dept. Industrial Engineering
Faculty of Sci & Technology
Universitas Islam Negeri Sultan
Syarif Kasim Riau, Indonesia



Dr. H. Nuryadi, S.Sos, M.M.
Founder and President of
Polindo International and STIE
PEMUDA (Industrial
Entrepreneur)
Surabaya, East Java, Indonesia

4:00 – 5:30 pm, August 6, 2025 – Room 1

Panel on Business Management Education

2025 IEOM Bali Conference

Panel Chair



Dr. Ho Hwi Chie, M.Sc.

Associate Professor of Industrial Engineering
Faculty of Engineering
BINUS University, Indonesia

Panelists

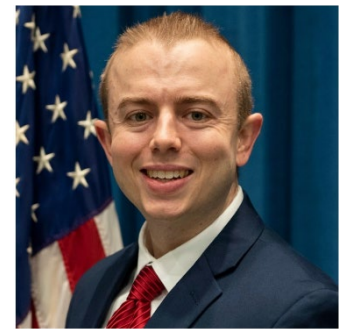


Dr. Anak Agung Ngurah Perwira Redi

Head of Industrial Engineering
Study Program
Sampoerna University
Jakarta, Indonesia



Dr. Agus Wicaksana
Lecturer in Business Analytics
Adelaide Business School
University of Adelaide
Australia



Nathan Gaw, Ph.D.
CTO of sudo.rndm.ai
Assistant Prof. of Data Science,
Dept. of Operational Sciences
Air Force Institute of Technology
(AFIT), Wright-Patterson AFB
Ohio, USA

Dr. Mohamad Anas

Universitas Multimedia Nusantara
Gading, Serpong
Tangerang, Banten
Indonesia

5:30 – 6:30 pm, August 5, 2025

Panel on Lean Six Sigma - Online

2025 IEOM Bali Conference

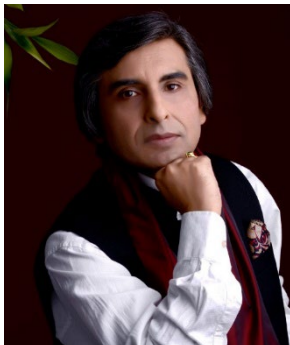
Moderator / Panel Chair



Dr. Marc B. Hermo IV, DBA

Educator | Process Consultant | Business Transformation Leader
Miriam College, Higher Education Unit, INNOVEO Consulting
Quezon City, Philippines

Panelists



Satya Saurabh Khosla

Owner and Managing Director
Adimode Transnational Trading LLC
Dubai, UAE



Prof. Dr. Eriki Ananda Kumar

Dean of Research and Development
Professor in Mechanical Engineering
MJR College of Engineering and
Technology
Piler, Andhra Pradesh, India

Plenary and Special Sessions

Plenary I

8:00-10:00 pm, August 7, 2025 – Room 2

Speaker I



Professor NBV Lakshmi Kumari

Assistant Professor

Mechanical Engineering Department

Muffakham Jah College of Engineering and Technology

Hyderabad, Telangana, India

Presentation Talk: Functionally Graded Materials for Enhanced CPU Thermal Management

NBV Lakshmi Kumari is an Assistant Professor at Muffakham Jah College of Engineering and Technology (MJCET), Hyderabad, India, with 17 years of teaching and research experience. Her primary research area focuses on Functionally Graded Materials (FGMs) for CPU processors, specializing in advanced thermal management solutions. She has published more than 20 papers in International Journals and conferences. Professor Lakshmi Kumari holds two Indian Design patent grants and two Australian patent grants, with four additional patent publications. She received a Best Paper Award for her PhD work and has published a book chapter. She has also led and contributed to numerous design and fabrication projects centered on sustainable technologies and prototype development. As a dedicated educator and mentor, Professor Lakshmi Kumari has organized many technical events at MJCET, helping foster innovation and practical skills among students. She serves as the Faculty Coordinator for Engineers Without Borders (EWB) at MJCET, guiding students in applying engineering solutions to community challenges. Additionally, she is the Programme Officer for the National Service Scheme (NSS), encouraging student engagement in community service and social responsibility initiatives. Professor Lakshmi Kumari is also a member of the Indian Society for Technical Education (ISTE), actively contributing to the advancement of technical education and professional development in engineering.

2:00-4:00 pm, August 6, 2025 – Room 3

Special Session:

BaaS in EV Infrastructure: Barriers, Strategies, and the Road Ahead



Rudra P. Pradhan, Ph. D.

Professor

Vinod Gupta School of Management

Indian Institute of Technology

Kharagpur, India

Rudra P. Pradhan is a SAP Fellow & Operational Research Society of India (ORSI) Fellow, and Professor at the Indian Institute of Technology Kharagpur, India. His expertise is in area of econometrics, data science, and public policy modelling. He has edited eleven books and written about 200 research papers in Applied Econometrics, and some of these papers have been published in leading international refereed journals. His research mostly focuses on infrastructure, innovation, finance and sustainable development. Rudra and his team's research have lots of impact on socio-economic development of the economy. Most importantly, with the project of Micro-Solar-Dome (MSD): A Resilient Disaster Management Device, we disseminate the MSD in SC, ST, and Tribal pockets of India to provide uninterrupted and clean room lighting facilities to rural beneficiaries. To achieve this, we collaborated with different NGOs and S&T-based institutions working at the ground level to carry out training and installation in a proper manner. The project also includes several research activities allied to the MSD to ensure decent living conditions for the beneficiaries. He is one of the recipients of young economist from Council for the Lindau Nobel Laureate Meetings, Germany. He has received Faculty Excellence Award from Indian Institute of Technology Kharagpur, India. Rudra has served on the editorial board of over a dozen professional journals and is the Associate Editors of International Journal of Innovation and Technology Management, Review of Financial Economics, Asia-Pacific Financial Markets, Asia-Pacific Journal of Regional Science, Journal of Economic and Administrative Sciences, and Journal of Economic Development. Rudra has been a visiting professor at the Asian Institute of Technology (Thailand), a visiting scholar at the University of Pretoria (South Africa), and a consultant to the Government of West Bengal, and the Government of India. He has actively participated in organizing various national and international conferences, serving as a convenor and contributing to the academic discourse in his fields of expertise. Notably, Prof. Pradhan is the Principal Investigator for the project titled "Sustainable Development of Electric Vehicle Battery Infrastructure in India: Challenges, Circular Economy Integration, and Policy Measures", funded by the Indian Council of Social Science Research (ICSSR). His academic impact is further reflected in his inclusion in the top 2% of scientists worldwide, as per a study by Stanford University, highlighting his significant contributions to research and scholarship.