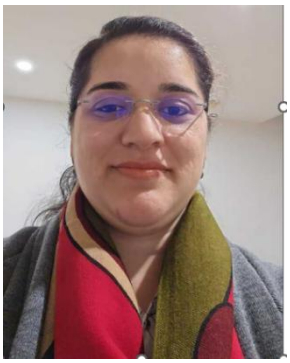
Plenary

Global Business Management Education

9:00 – 11:00 am, November 27, 2025

Chair



Dr Arshia Kaul
Associate Lecturer
Management and Marketing
University of Melbourne, Melbourne, Australia

Arshia Kaul is a PhD., MPhil., M.Sc. (Gold Medalist) in Operational Research, Master Trainer Program – Teaching, Training & Developing Professionals (EIU). She is a Post Graduate Diploma in Instructional Design and Diploma in Virtual Online Teaching course. She is also a certified Green Belt in Lean Six Sigma and recently completed a Professional Certificate in Design Thinking and Innovation Management. She has completed a Certificate IV in Training and Assessment from Boxhill, Institute, Melbourne, Australia. She has published 20+ research papers published in journals of national and international repute and presented at 10+ conferences. One of her most recent articles was published in Business Strategy and the Environment (Impact factor- 10.302). Her current research interests are quality management, supply chain management and Education 4.0.

Co-chair

Dr Aman Ullah
Lecturer in Management and Marketing
University of Melbourne, Melbourne, Australia

Aman holds PhD in Management from Deakin Business School, Deakin University, demonstrating his academic foundation in the field. He supplemented his academic qualifications with a Graduate Diploma in Pedagogy (professional teaching qualification) from the Melbourne Graduate School of Education, the University of Melbourne, reflecting his dedication to pedagogy and teaching excellence.

Also, he completed the Tutoring in Business and Economics (TBE) program from WCLA, Faculty of Business and Economics, the University of Melbourne. He is part of the WCLA team as a peer mentor, contributing positively to teaching excellence at the Faculty of Business and Economics. Aman has proven track record in subject coordination, curriculum design, LMS maintenance, student support, and delivering both face-to-face and online education that aligns with the desired skills for his position.

Speaker I

Dr Jesse Olsen
Senior Lecturer, Department of Management and Marketing
Faculty of Business and Economics
University of Melbourne, Australia

Topic: Game-based learning
Jesse Olsen is a Senior Lecturer of Management in the Department of Management and Marketing, Academic Program Director of the Master of Business, and a

Research Associate at the Centre for Asian Business and Economics. He earned his PhD in Organizational Behavior from the Scheller College of Business at the Georgia Institute of Technology (Atlanta, USA). His research focuses on hobbies/leisure and work, improvisation in organisations, diversity and inclusion, international/cross-cultural management, and leadership. For both his teaching and research, Jesse has recently begun looking at the applicability of hobbies and personal activities to work and the workplace, with particular interest in Dungeons & Dragons (D&D) and other tabletop role-playing games.

Jesse's work has been presented in such top-tier management publications as the Journal of Applied Psychology, the Harvard Business Review, and Organizational Behavior and Human Decision Processes, and has been featured in such media outlets as the BBC, SBS World News, The Guardian, Forbes, and The Conversation. He has also presented his research at numerous academic and professional conferences and worked with organisations such as Perpetual, the Australian Workplace Gender Equality Agency, McDonald's, the Queensland Government, and the Asian Development Bank. Jesse's professional experience includes his position as international exchange coordinator at Kwansei Gakuin University in Nishinomiya, Japan. He was also employed as a business project manager in the Merger Integration Office and Corporate Strategies Group of SunTrust Bank (now Truist) in Atlanta. Before coming to The University of Melbourne, Jesse conducted research and taught courses in the US, South Korea, and Japan. Always in pursuit of interesting and new ways to understand adaptation and organisational change, Jesse has received improvisation and comedy writing training from the Laugh Masters Academy (Melbourne) and the Second City (Chicago, USA). He enjoys incorporating what he has learned through these pursuits into his teaching, research, and everyday life.

Speaker II

Dr Michael "Maxx" Schmitz
Curriculum Designer, Faculty of Arts
University of Melbourne, Australia

Topic: Game-based learning
Dr Michael 'Maxx' Schmitz is an award-winning educator, curriculum designer, and game-based learning specialist with over two decades of experience in higher education. Currently a Lecturer at the University of Melbourne, he leads innovative teaching initiatives that integrate games, simulations, and experiential learning into Arts and interdisciplinary curricula. Maxx's research explores the pedagogical impact of serious games and wargaming, with a focus on improving student engagement, critical thinking, and transferable skills in both academic and industry-facing contexts. He has designed games and immersive learning experiences in both tertiary and vocational sectors. His current projects include developing digital escape rooms for teamwork development and assessment and creating dynamic learning environments that merge academic theory with practical application.

Speaker III

Ts. Dr. Mehran Doulat
Director of Asia-Pacific Centre for Operational Excellence (APCOE)
Universiti Teknikal Malaysia, Melaka
Malaysia

Plenary

Sustainability in Engineering and Business

9:30 – 11:00 am, November 26, 2025

Chair and Speaker I

Dr Ferry Jie
School of Business and Law
Edith Cowan University, Perth, Australia

Ferry graduated with his doctorate from The University of Sydney in 2008. His PhD thesis is Supply Chain Analysis in the Australian Beef Industry. Currently Dr Jie is an Associate Professor at School of Business and Law, Edith Cowan University. Previously, he was a Senior Lecturer and taking a program coordinator role in Logistics and Supply Chain Management (LSCM) at RMIT University. He was managing and coordinating the undergraduate program in LSCM at RMIT from 2015 to 2016.

Ferry Jie has maintained a high quality of research throughout his academic career including international scholarly leadership in the areas of supply chain management and logistics, including regularly being invited to be a keynote speaker and to give public lectures at symposiums and international conferences in Indonesia, Pakistan, Bhutan, Malaysia, Vietnam, China, UK, Sri Lanka, and Australia. From 2017 to now, published more than 88 refereed journal articles—including 51 articles in SCIMAGO Q1-ranked journals and 12 articles in Q2-ranked journals, and 9 refereed conference papers. Furthermore, Dr Jie has received research grants/awards adding over $1.7 million between 2017 and 2024.

Speaker II

Dr Md Abdus Samad Kamal
Graduate School of Science and Technology
Gunma University, Japan

Dr. Md Abdus Samad Kamal is an Associate Professor at the Graduate School of Science and Technology, Gunma University, Japan. He received Ph.D. degree from Kyushu University, Japan, in 2006. Earlier, he was a Researcher at The University of Tokyo, Japan, a Visiting Researcher with Toyota Central R & D Labs., Inc., Japan, and a Senior Lecturer at the School of Engineering, Monash University, Malaysia campus. His research interests include intelligent transportation systems, cooperative control of connected and automated vehicles, and the applications of model predictive control. Over a decade, he has been jointly working in various research projects in collaboration with Japanese car manufactures and/or under the Grants-in-Aid for Scientific Research of Japan Society for the Promotion of Science (JSPS). Dr. Kamal is a member of the Society of Instrument and Control Engineers (SICE), a Senior Member of the Institute of Electrical and Electronic Engineers (IEEE), and a Chartered Engineer of the Institution of Engineering and Technology (IET).

Speaker III

Abbos Sattorov
Chief Specialist
The Center for International Cooperation
Oriental University Tashkent, Uzbekistan

Abbos Sattorov is Chief Specialist at the Center for International Cooperation at Oriental University Tashkent, Uzbekistan, where he also lectures in English linguistics. He earned his first Master's degree in Information and Communication Technologies from Tashkent University of Information Technologies and is currently completing his second Master's degree in English Linguistics at Oriental University. This multidisciplinary foundation enables him to integrate technology, language, and education into his academic and professional work.

His interests focus on the internationalization of higher education, education policy and management, and operations management in emerging economies. At Oriental University, he has played an active role in developing global partnerships, coordinating Erasmus+ initiatives, and promoting student and staff mobility programs that connect Uzbekistan with international institutions. Looking forward, he plans to pursue a PhD in education policy and management at a top 20 globally ranked university, with the University of Melbourne among his preferred destinations. By participating in IEOM Melbourne 2025, he seeks to share insights from Central Asia, contribute to global discussions on operations and education management, and establish long-term cooperation between Oriental University and the University of Melbourne.

Panel
Global Engineering Education
9:30 – 11:00 am, November 25, 2025

Moderator:

Dr Obuks Ejohwomu, PhD, MSc, BEng, FNSE, FHEA
Academic (Teaching & Research) Reader
Sustainable Built Environment & Project Management
University of Manchester, UK

Obuks Ejohwomu is a Reader (Associate Professor) and founder of Nudge SIG (Special Interest Group) at The University of Manchester. He is the current Head of Admissions in the School of Engineering, Faculty of Science and Engineering. He is listed as one of Manchester's Heritage Heroes for the impact of his research work. Obuks is also a fellow of the Higher Education Academy and the unit lead for commercial and procurement management. Obuks particularly leads a research group focusing on a future sustainable built environment with expertise in decarbonised projects, indoor/outdoor air pollution monitoring using low-cost sensors, occupational health & safety and digitalisation in the built environment. He is a Better World Showcase 2022 award winner for outstanding contributions to environmental sustainability. An award winner for notable contribution to the fight against the COVID-19 pandemic. He has managed grants valued at over GBP £1.3m, with funders including EPSRC, Association of Project Management (APM), GCRF, Lloyds Register Foundation, NHS Foundation Trust, and UKRI. He is the PI on a high-impact multidisciplinary research project probing the "societal value of quality low-cost urban air monitoring in low resource environments (SQUARE). Before joining MACE he worked as a contracts manager on several building construction projects totalling over N100m (Lukayson Ventures Ltd), a systems engineer in the telemetry and laboratory business area of Scottish Water, Glasgow, Research Assistant on a Black Country learning and skills action research project (University of Wolverhampton), Research Fellow (University of Reading) on the EPSRC Health and Care Infrastructure Research and Innovation Centre (HaCIRIC), Programme Manager (W D Consults Ltd), Lecturer in Civil Engineering (Covenant University), Senior Lecturer in Project Management and Head, Department of Management Technology (Bells University of Technology).

Speaker I

Prof Lu Aye, PhD
Department of Infrastructure Engineering
University of Melbourne
Australia

Lu Aye is a Professor in the Department of Infrastructure Engineering at the University of Melbourne, Australia. Prof. Aye has more than 40 years of engineering experience in university teaching, research, development, demonstration and commercialisation of renewable energy and energy efficiency technologies.

He has been internationally recognised as an expert in low-carbon technologies for built environment applications. His research areas include heating, ventilation, air-conditioning and refrigeration systems, waste to resources, complex systems modelling. Prof. Aye applied phenomenological modelling and simulation approaches for optimising energy systems. He also utilised computational and participatory approaches for modelling socio-ecological systems under deep uncertainty. These system models have been applied for identifying the effects of policy interventions and robust decision making. He has been recognised as a leading expert in modelling, simulation, optimisation and forecasting of complex systems behaviours.

Speaker II:

Dr Matthew Pepper
Professor, School of Business
Faculty of Business and Law
University of Wollongong, Australia

Matt's PhD research centred on the design and application of continuous improvement frameworks in process industry supply chains. Recent research and consultancy activities focus on lean thinking, six sigma-based process improvement and supply chain design and optimisation. Matt has undertaken research and consultancy across a range of industry sectors, including the manufacturing and process industries as well as local government. Most recently his work has focused on the implementation of continuous improvement in service environments. Matt is a member of the Editorial Advisory Boards for the Journal of Manufacturing Technology Management, the International Journal of Lean Six Sigma, International Journal of Information and Operations Management Education. He is also an Associate Editor for the Global Journal of Flexible Systems Management and the IIMK Society and Management Review Journal.

Speaker III

Dr George Panas
Enterprise Fellow, Management and Marketing
University of Melbourne, Melbourne, Australia

Dr George Panas has 25 years of senior management experience in industry and consulting. After that, he transitioned to academia with the completion of my PhD in 2022. His areas of interest or specialisation include: e-commerce supply chains (grocery, general merchandise & apparel retail), Supply chain and the UN SDGs (including modern slavery, environmental / food and packaging waste, procurement diversity), Supply chain strategy & network design/optimisation, Retail global sourcing & logistics, Supply chain operations in Asia (including China, HK, Singapore, India, Malaysia, Thailand, Indonesia, Vietnam, etc),International supply chain management (sea & air freight, freight forwarding, origin value added services, etc), Corporate strategy, financial planning and analysis, Financial/Mathematical optimisation modelling & techniques, Supply chain commercial finance

Speaker IV

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

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.

Panel

Women in Industry and Academia sponsored by Ford Motor Company

3:30 – 5:00 pm, Wednesday, November 26, 2025

Moderator:

Dr Nilupa Herath
Lecturer, Department of Infrastructure Engineering
University of Melbourne, Australia

Dr. Nilupa Herath is a Lecturer (Education Specialist) at the Department of Infrastructure Engineering at the University of Melbourne. She is an experienced structural Engineer who has worked in Australia and overseas in a variety of construction projects. Nilupa's research interests include Engineering Education, Sustainable Buildings, bridge engineering, tall buildings, earthquake engineering and engineering management.

Speaker I

Rahima Khatun
Electrical Engineer at K1 Save Energy &
Founder and CEO, Leading Women Australia and D RYMA Group
Melbourne, Australia

I, Rahima Khatun, an experienced Electrical Engineer background professional at the K1 Save Energy. Concurrently, the founder and CEO of the Leading Women Australia and D RYMA Group. The Leading Women Australia is a not-for-profit organisation dedicated to advancing women's leadership, equity, and representation. Through leadership programs, advocacy, and partnerships, we are creating pathways for women to thrive in engineering, construction, and other traditionally male-dominated industries. Furthermore, we provide coordination service in the government health industry as a registered provider. where at D RYMA GROUP, we lead a mission to deliver innovative and sustainable engineering solutions that transform industries and communities. At D RYMA, we focus on harnessing technology, research, and engineering excellence to design smarter, more energy-efficient systems that respond to the global demand for sustainability and resilience. "I lead multi-disciplinary projects across energy, defence, and sustainable infrastructure, turning blueprints into operational impact—from validating military systems at Tectonica Australia to developing a hydroelectric micro-grid with Engineers Without Borders, and streamlining national engineering inventory systems at Hanes Brands Inc. I am a dynamic engineering leader and internationally recognised speaker, appeal by IEEE Bangladesh to keynote on global educational migration and engineering research and projects, and by the University of Melbourne & IEEE Women in Engineering to lead seminars on engineering career strategies, where I translate a decade of industry experience into actionable frameworks.

I am honoured to be recognised as a Women in Construction Ambassador and Mental Health in Construction Ambassador, actively advocating for diversity, inclusion, and wellbeing in technical industries. My community involvement extends to serving as a Board Member at Wellsprings for Women and as a System Change Youth Employment Advisor at the Brotherhood of St Laurence, where I contribute to advancing equity and opportunity. I hold a Master of Engineering Management from the University of Melbourne and a Bachelor of Electrical and Electronics Engineering, complemented by certifications in Business Management, WHS, and CNC Machining. My mission is to shape a future where engineering solutions are sustainable, leadership is inclusive, and women are fully represented at every level of decision-making.

Speaker II

Dr Achini Peiris
Senior Consultant, Digital Enablement, Aurecon
Melbourne, Australia

Achini Peiris is a Civil Engineer, currently working as a Senior Consultant, Digital Enablement at Aurecon. She is also an Honorary Research Fellow at the University of Melbourne. Her career started off in construction, as a Quality Assurance and Planning Engineer at the International Construction Consortium in Sri Lanka. She then moved to Australia, to further her studies in Engineering Management, later obtaining a PhD in Engineering Management from the University of Melbourne. During this time, she joined Faramoon as a Co-founder, a Melbourne-based tech startup that spun out of the Translating Research at Melbourne (Tram) program at the University of Melbourne. Their proprietary software can be used to automate 3D-model creation process from laser scans, or in other words point clouds. This became the segway for her to pursue a career in BIM and Digital Engineering. Currently her work in Aurecon focusses on enabling client organisations to embrace digital practices and workflows aligning with ISO 19650. She helps her clients to implement digital ways of working aligning with Building Information Modelling and Digital Engineering throughout the asset life cycle. She is very passionate about identifying challenges faced by the Architecture, Engineering and Construction, Operations and Maintenance sectors and to work with the stakeholders to implement trusted solutions, keeping in mind that we all are people, and we hate to change!

Speaker III

Dr Alka Nand
Lecturer
Department of Management, Monash Business School
Monash University, Victoria, Australia

Alka's expertise lies in the operations and supply chain management fields. Her studies have been based in the services and manufacturing sector and public sector. She has published her work in a number of leading journals including International Journal of Production Economics, International Journal of Operations and Production Management and International Journal of Production Research. Alka obtained her PhD from the University of Melbourne and her thesis examined how firms in Australian service and manufacturing industries treated and developed their operational capabilities using primarily secondary data. She also has strong interests in areas such as food waste, sustainability and circular economies with various publications such as IEEE: Transactions on Engineering Management, Journal of Business Research and Journal of Cleaner Production. Alka is an experienced lecturer, having taught many courses in undergraduate and postgraduate program locally and abroad. She is the co-chair for Australia and New Zealand Academy of Management (ANZAM) Operations, Supply Chain, and Services Management Symposium in 2021 and 2022.

Panel
Artificial Intelligence, Data Anlytics and Cybersecurity
3:30 – 5:00 pm, November 25, 2025

Moderator:

Dr Shamsul Huda
Lecturer in Computer Science, Cyber Security Research and Innovation Centre (CSRI), School of Information Technology
Faculty of Science Engineering and Built Environment
Deakin University, Burwood, Victoria, Australia

Dr. Shamsul Huda is a Senior Lecturer in the School of Information Technology at Deakin University, Australia. Prior to joining Deakin, he held academic and research positions as a Research Fellow and Lecturer at Federation University, Australia, and as an Assistant Professor in the Department of Computer Science at Khulna University of Engineering and Technology (KUET), Bangladesh. Dr. Huda has developed a novel risk assessment framework for federated identity management–based access control systems, contributing significantly to the fields of cybersecurity risk assessment, security architecture, advanced security controls, and authentication frameworks. His research excellence is reflected in numerous publications in high-impact journals such as IEEE Transactions on Information Forensics and Security, IEEE Transactions on Cybernetics, IEEE Transactions on Industrial Informatics, Information Sciences, Information Fusion, Journal of Network and Computer Applications, IEEE Internet of Things Journal, and Journal of Parallel and Distributed Computing.

A Certified Information Systems Security Professional (CISSP) accredited by (ISC)², Dr. Huda is also a full member of the consortium and serves on its exam item development group. His primary research interests include secure operations for Industrial Control Systems (SCADA) and critical infrastructure, intelligent countermeasures against mobile malware, malware analysis and detection, reverse engineering for endpoint security, and security for connected autonomous vehicles. To date, Dr. Huda has authored over 100 peer-reviewed journal and conference papers in leading international venues.

Speaker I:

Professor Dr Jemal Abawajy
Faculty of Science Engineering and Built Environment
School of Information Technology
Deakin University, Melbourne

Prof. Jemal Abawajy is a full professor at Deakin University, Australia. He is an eminent and highly cited scholar and is ranked in the top 2% of the most influential scientists at Stanford University List. He has numerous awards, including the Deakin Vice-Chancellor Best Researcher award and was selected, for four consecutive years, to the Global Initiative for Academic Networks (GIAN) program of the Indian government. He holds a visiting professorship and is a member of academic advisory committees and an academic advisor in many universities outside Australia. He is regularly invited to undertake formal reviews of academic programs at many degree-granting institutions and has been appointed by many local and international universities to assess promotion applications to the rank of associate professor and full professor; and assess competitive grants for granting agencies both in Australia and overseas; and assess PhD theses for many reputable institutions all over the world. He has served or is serving on the editorial board of numerous international journals (e.g., IEEE Transactions) on

Cloud Computing) and more than 400 international academic conferences in various capacities, including chair and program chair. He has given over 80 invited keynote speeches and numerous technical lectures and delivered faculty development programs and invited seminars globally. He has supervised numerous PhD/master's degree and postdoctoral candidates to successful completion

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Speaker II:

Dr Seyed Mojib Zahraee
RMIT School of Engineering
RMIT University, Melbourne
Australia

Dr. Seyed Mojib Zahraee is a Lecturer at the RMIT School of Engineering, within the Department of Mechanical, Manufacturing, and Mechatronic Engineering. He earned his PhD from RMIT University in 2022 and has been actively involved in teaching at the School of Engineering since early 2024. Since 2019, Dr. Zahraee has contributed his research expertise as a research assistant on multidisciplinary funded projects at RMIT University. With over a decade of research experience, his work spans biomass renewable energy supply, production, supply chain management, transportation and logistics systems, and sustainability. His contributions to the field have earned him recognition among the top 2% of scientists worldwide (2020–2024), as listed by Stanford University and published by Elsevier. In acknowledgment of his academic achievements—including high-impact publications, extensive research experience in Australia and internationally, and various awards—he has been awarded an Australia Global Talent Visa in the energy sector. His publication record, the impact of his work, and the notable quality of his scholarly contributions have placed him in the top 0.5% of all scholars worldwide according to the most recent 2024 ScholarGPS rankings. His contribution in the field of biomass prior to the last 5 years ranked him #14 locally in Australia and #407 worldwide.

Dr. Zahraee's current research focuses on biomass supply chains, sustainability assessment, renewable energy supply and production systems, optimization and operations management, lean manufacturing, transportation and logistics, and environmental and emissions analysis. In addition to his research, he is an active peer reviewer, having evaluated more than 350 papers for leading journals, particularly in the energy sector.

Speaker III:

Vijay Chakravarthy
Offering Manager/Portfolio Lead, Cyber Security
Uvance Technology and Solutions – Oceania
Fujitsu Australia Limited
Melbourne, Australia

Vijay Chakravarthy is a well-regarded Cyber security professional with expertise in delivering diverse product portfolios and driving growth through strategic planning and innovation. Skilled in AI security, cloud security and Operational technology security domains, he has been proficient in solutioning and using data-driven insights as part of addressing security challenges.

With more than two decades of proven cross-functional experience across industries such as Healthcare, Government, Telecommunication, Mining and Utilities verticals, his key strength is in delivering outcomes as a solution strategist and a portfolio manager driving high value-solution capability and long-term value creation aligned to business objectives.

Speaker IV:

Dr Mali Abdollahian
Program Manager, Master of Analytics and Master of Statistics and Operations Research
School of Science, RMIT University
Melbourne Victoria 3001 Australia

Associate Professor Mali Abdollahian is an academic in the School of Science. Mali received her master's in applied mathematics and Astronomy and PhD in Statistical Quality Control from the University College Cardiff in the UK. Her Much of Mali's research has involved developing optimal quality-control and quality-assurance procedures for monitoring and improving the quality of products and services cost-effectively. In the last 10 years, she has been developing quality control and performance analysis procedures to monitor and design intervention strategies to reduce the maternal and newborn mortality rates, childhood type I diabetes, childhood obesity, and Type II diabetes. She has been extensively involved in consulting projects and the delivery of short courses to different industries. She is the Program Manager, Master of Analytics and Master of Statistics and Operations Research, RMIT University, Australia

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Speaker V:

Dr Sona Taheri
Mathematical and Geospatial Sciences, School of Science
STEM College, RMIT University, Melbourne, Australia

Dr Sona Taheri is a Senior Lecturer at RMIT University. Her research expertise includes optimisation and machine learning, with their real-world applications. Dr Taheri has authored two books and an edited book; published more than 50 articles in high-quality journals. In addition to her own research, she has contributed to the academic community as both editor and guest editor for several scholarly journals, supporting the dissemination of impactful research. Dr Taheri has successfully secured research funding in operational research, machine learning, and cybersecurity, and maintains robust collaborative partnerships both nationally and internationally. Through active engagement with academic institutions, industry partners, and government organisations, Dr Taheri continues to advance research initiatives and foster innovation within her areas of expertise.