

Faculty Members of MSc Supply Chain Engineering Programme



Dr Rajesh Piplani (Programme Director - MSc Supply Chain Engineering Programme)

Dr. Rajesh Piplani is the director of M.Sc. (Supply Chain Engineering) program at NTU. He obtained his M.S. in Industrial Engineering from Arizona State University in 1990, and his Ph. D. from Purdue University in 1995. Dr. Piplani is listed in Marquis Who is Who in Science and Engineering in USA (1998-1999).

He has over seven years of industry experience in India and USA in the areas of Supply-chain management and production planning of power plant equipment and semiconductor fabrication facilities.

Since 1998, he has been on the faculty of NTU. He was Program Manager, Integrated Manufacturing and Service Systems (IMSS) for Singapore funding agency A*Star, managing the SGD 8 Million program. He is an associate consultant with Y3 Technologies. He also sits on the eSCM council of Singapore Manufacturers Association and council of Supply Management Institute of Germany.



Dr Chen Songlin

Dr. CHEN Songlin is currently a Senior Lecturer and Assistant Chair for Graduate Studies at the School of Mechanical and Aerospace Engineering in the Nanyang Technological University, Singapore. His research is focused on the design and operations of advanced manufacturing/service systems, with special interest in mass customization, system reliability and risk analysis, supply chain coordination and contracting. Dr. Chen obtained his Ph.D. degree in Industrial Engineering and Engineering Management from the Hong Kong University of Science & Technology. Prior to that, he had a Bachelor degree in Aerospace Engineering from the National University of Defence Technology in China and a Master degree in Aeronautics and Astronautics from Stanford University in U.S.



Dr Li Dong

Dr. Li Dong is currently a Senior Lecturer at the School of Mechanical and Aerospace Engineering in the Nanyang Technological University, Singapore.

Dr. Li obtained his Ph.D degree in Management Science from the Rotterdam School of Management, Erasmus University, Rotterdam, The Netherlands. Prior to that, he obtained Master of Science in Manufacturing (Industrial) Engineering from Shanghai Jiao Tong University, Shanghai, China, and Bachelor degree in Mechanical Engineering from the Wuhan University of Science and Technology, Wuhan, China.

Prior to joining NTU, Dr Li worked as an Advanced Scientist at A*STAR, Singapore. Before joining the A*STAR, he was an Assistant Professor at Lingnan College / School of Business, Sun Yat-sen University, Guangzhou, China, and a Research Fellow at MIT-SUTD International Design Center, Singapore University of Technology and Design, Singapore.

His research is focused on Supply Chain Management, Business Model Innovation, and Sustainable Operations.



Dr Kaushik Ghatak

Dr Kaushik has more than 30 years of experience in Business and Digital Transformation engagements globally, in leadership roles in Asia-Pacific and the USA. Currently, based in Singapore, Kaushik runs his own boutique consulting practice as a Value Advisor for Digital Technologies and Supply Chain.

Dr Kaushik is passionate about consulting, facilitating, and mentoring. He is associated with NTU and SMU as Visiting Faculty where he takes Digital Transformation and Supply chain courses for Graduate level students.

Before starting his own consulting and training initiative, Kaushik was at SAP as the Vice President of Industry Value Engineering and Presales Group for SAP, Southeast Asia. He was also a member of the APJ Management Development Board at SAP. Dr Kaushik holds a PhD in Supply Chain Management from Indian Institute of Management, Bangalore, and a Bachelor of Engineering from NIT Trichy. Both being top tier Institutes in India.



Mr Kenneth Tan

Director and Principal Consultant, The Shipping Academy

Mr Kenneth Tan has more than 30 years of Shipping and Supply Chain Management experience working with NOL, APL, CMA CGM Liner Carriers, and PCL Bulk ships with different senior management roles in Operations, Marketing, and Sales, Liner Planning and Pricing, Project Cargoes/Dangerous Goods Carriage Expertise. He left the APL Group as Head of APL Bunker Operations in 2013 and started his consultancy in 2014 - The Shipping Academy - focusing on maritime consultancy and training.

Notwithstanding he worked closely with MINDEF, Jurong Port, Unilever, SABIC, Mckensey & Co., and BP to name a few. He was head-hunted back to head PCL/PACC (A member of the Kuok Group of Companies) in 2018 till 2021 running the Singapore/Pasir Gudang and Singapore/Pontianak Feeder Services. Kenneth continues to share his experience and knowledge in NTU, SMU, SLA, and SUSS as an associate lecturer. Many of his adult/master's students have benefited greatly from his enthusiastic delivery and fact-filled lectures. Kenneth makes his lectures easy to understand and highly practical for both the beginner to the well-trained professional.



Dr. Lum Kit Meng

Dr Lum Kit Meng graduated with First Class Honours in Civil Engineering and a Master of Science in Industrial Engineering from the National University of Singapore. He also holds a Master of Science Degree in Engineering and a PhD Degree in Transportation Engineering. He is a qualified Professional Engineer practicing in Singapore.

Since 1988, Dr Lum began his academic career with the School of Civil and Environmental Engineering, Nanyang Technological University (NTU). At NTU, he teaches traffic and transportation engineering courses at undergraduate and postgraduate levels for civil engineering students. In addition, he teaches logistic courses such as warehousing for Maritime Studies students and MSc in Supply Chain Engineering. His research interests include transportation systems engineering, traffic demand and operations research modelling.

Besides, Dr Lum has served in the Training Advisory Committee (TAC) as a board member of The Logistics Academy (TLA) for several years. He was an External Examiner for the Diploma Program in International Supply Chain Management offered by Ngee Ann Polytechnics from 2011 to 2015. In addition, he provides consultancy services in transportation and warehousing operations.