

**Assoc Prof Kenneth LOW**



Dr. Kenneth Low is Associate Professor, Cluster Director in the Engineering Cluster of the Singapore Institute of Technology (SIT). He leads the Cluster Leadership Team overseeing Faculty Recruitment, Development, Appraisal and Academic Staff Promotion. He is responsible for the mapping and development of strategic applied research areas within the Cluster and SIT.

Before joining SIT, Assoc Prof Low served as Assistant Vice President of ST Engineering (ST Aerospace). He was part of a key team responsible for strategic business development, joint venture agreement (JVA) and merger & acquisition (M&A) for ST Aerospace Engines. He completed a complex closing to transfer intellectual property rights from Pratt & Whitney to a new JV company and held a concurrent appointment as Assistant Vice President in the new JV Company, EcoServices LLC. He also served as Adviser for ST Engineering in 2014 and 2015. Between 2007 and 2011, he served as Chief Designer (Mechanical) in the Design Office and subsequently, Director (Marine Systems) in the Engineering Design Center of ST Engineering (ST Marine). His team of more than 50 design engineers successfully delivered engineering solutions for a broad spectrum of highly sophisticated commercial and naval vessels. A few projects worth mentioning in the Singapore context which required con-current research and development are first specialised marine craft for the Republic of Singapore Navy, first Airbus RORO & ROPAX vessels for LDA, first Saturated-Diving Support Vessel for DOF, first export of Landing Platform Dock (LPD) for Royal Thai Navy and Offshore Patrol Vessels for Royal Navy of Oman. The many firsts helped to secure Singapore's position in the global stage as key exporter of complex commercial and naval vessels.

Assoc Prof Low graduated with a Bachelor of Engineering (Hons) in Mechanical Engineering from University of Newcastle upon Tyne (UK) in 1998. He was conferred the Doctor of Philosophy (Ph.D.) in Mechanical Engineering from the University of Nottingham (UK) in 2001 under the supervision of Professor Thomas Hyde and Professor Philip Shipway on the topic of Elevated Temperature Creep Strains in Cross-weld Specimens in collaboration with the leading nuclear and conventional power generation companies in the UK. He attended the Executive Management Training Programme in 2006 (India "Pune"), the Temasek Leaders Training Programme in 2009 (Singapore and Vietnam), the Harvard Business School Executive Education Program in 2020 and the MIT Sloan School of Management Executive Management Program in 2021. He completed the Leadership Horizons course by DDI in 2022.

Assoc Prof Low is a Fellow of the Institute of Marine Engineering, Science and Technology (IMarEST), a Fellow of The Royal Institution of Naval Architects (RINA), a Chartered Engineer and a Chartered Marine Engineer. He served as the Secretary of the Singapore Joint Branch of Royal Institution of Naval Architects (RINA) and the Institute of Marine Engineering, Science and Technology (IMarEST) from 2016 to 2018. He is a senior member of the Institution of Engineers Singapore (IES) and a member of Singapore Institute of Directors. Assoc Prof Low is a co-opted Management Committee member of the Association of Aerospace Industries (Singapore), Co-Chair (Academic) of Aerospace Technical Committee of Singapore Standards Council, member of the IES - Port and Marine Engineering Technical Committee, member of the Manpower Committee of the Association of Singapore Marine Industry (ASMI), member of DSTA Technical Competency Accreditation Panel - Naval Platform Systems and Integration (since 2018) and Honorary Auditor of MindSphere World Association ASEAN.