

Biodata

Dr Valdeew Singh has been extensively involved in industry and academia over the last 20 years in the areas of information-communication technology, manufacturing engineering, and advance industrial automation. He received his Master of Science in Integrated Factory Automation from Cranfield University (UK), his Doctor of Philosophy in Engineering, Enterprise Integration from Loughborough University (UK), and his Master of Business Administration from National University of Singapore.

He is a Chartered Engineer with the Institution of Engineering and Technology (UK), and a certified Enterprise Integrator with the Society of Manufacturing Engineers (USA). He provides technology leadership and offers industry consultancy service towards the design and development of customer-focused business application solutions and advance manufacturing systems for small & medium businesses and multinational corporations in the Asia-Pacific region. He also conducts continual professional development training programs for technical managers and business executives, which includes Motorola and British Telecoms.

Presently, he is with Nanyang Polytechnic, Singapore, where he spearheads applied R&D in the areas of engineering informatics, enterprise integration, industrial automation, e-logistics, intelligent & knowledge-based systems, and nanotechnology. He is also responsible for technology transfer and intellectual property commercialization. Some of his effort is also focused on supporting various specialist manpower and technology capability development initiatives by working closely with a number of national government-linked agencies, which includes Economic Development Board of Singapore, Info-Communication Development Authority of Singapore and Agency for Science, Technology and Research.

Dr Singh is an inventor with 3 patents on business method and novel intelligent, automated systems to his credit. And he is a published author of the book entitled "*The CIM Debacle: Methodologies to Facilitate Software Interoperability*".