













## BIOGRAPHY

**Tan Chan Sin** is born in 1988's in local of Malaysia. He is currently works as a Senior Lecturer School of Manufacturing at University Malaysia Perlis since 2015 after he graduate his Bachelor Degree of Manufacturing Engineering and PhD in Manufacturing Engineering in 2015. In the area of PhD research, he is work out in Manufacturing Engineering field which major in Industrial Productivity and Reliability Analysis. He is also interests in field of Lean Manufacturing and TQM as well. He has been published more than 10 papers in International Conference as well as ISI impact factor journals.

**Gwee Wan Theng** is a undergraduate student in School of Manufacturing at University Malaysia Perlis. She currently work her final year research on FIT Manufacturing and Value Stream Mapping(VSM) under supervision of Dr Tan Chan Sin.

**Rosmaini Ahmad** received the B.Tech (Hons) degree in Industrial Technology in 2003, M.Sc degree in Mechanical Engineering (Industrial Engineering) in 2007 and the PhD in 2012 from the Universiti Sains Malaysia, respectively. He is currently a senior lecturer and researcher with the school of Manufacturing Engineering, UNIMAP. His major research interests are on the field of maintenance engineering and management; production failure analysis; process improvement based on lean six sigma approaches in the context of manufacturing industries. He has published 20 papers in journals and conferences, and so far he has supervised more than seven graduate students. He also active in consultation works and training related to industrial engineering topics including Lean Manufacturing from the perspective of engineering and research.

**Hussain M.I.** received the PhD in Manufacutring Engineering at 2008 from the Universiti Malaysia Perlis, respectively. He is currently a senior lecturer and researcher with the school of Manufacturing Engineering, UNIMAP. His major research interests are on the field of process improvement based on lean six sigma approaches in the context of manufacturing industries

**Chang Chuan Lee** currently works as a Senior Lecturer in School of Manufacturing Engineering in University Malaysia Perlis. He was studied in University Kebangsaan Malaysia for B.Eng. (Manufacturing). For his Master bachelor, he was also studied in University Kebangsaan Malaysia for M.Eng. (Mechanical & Material Engineering). He obtained his PhD (Ecomaterial Design & Process Engineering) in Tohoku University, Japan. His interestd research field is more on ecomaterial development, biomaterial, manufacturing process improvement and operation management.