



Organised by Engineering Education Technical Division

STATISTICAL PROCESS CONTROL FOR TRANSPARENT INDUSTRY

by Ir. Dr. Shamini Janasekaran

BEM APPROVED CPD HOURS: 2.0
REF. NO. : IEM21/HQ/009/T(w)

29 JANUARY 2021
FRIDAY
3.00 PM - 5.00 PM

IEM MEMBER: RM 15
NON-IEM MEMBER: RM 70

Register online | www.iem.org.my

SYNOPSIS

Statistical Process Control (SPC) is a technique where a group of tools are used to monitor, control and improve processes in the production. SPC tools help to reveal any odd behaviours of certain process which affects the output in production. The issues detected internally can be used to find solution to improve productivity. This technique has been used back during World War II and proved to be one of the effective methods to identify the problem and lead to direct solution. Mastering the tools enables the hidden root cause to be dug out and presented in transparent way.

ABOUT SPEAKER



Ir. Dr. Shamini Janasekaran received her PhD in Engineering (Manufacturing Processes) from University of Malaya (UM) in 2017, Masters in Electro-Manufacturing from UM in 2012 and Bachelor of Electronics Engineering from Universiti Sains Malaysia in 2006. Her specialization is in advanced joining techniques towards economic sustainability. She was working as Component and Electrical CAD Engineer in Flextronics Technologies Sdn Bhd for 4 years before joining Daikin Electronic Devices Malaysia (known as OYL Technology) in 2010 until 2012. Prior to joining SEGi University as Lecturer in 2017 until present, she was attached to University of Malaya as research assistant. She is also a Chartered Engineer and member of Institution of Mechanical Engineers (IMechE) since 2018. She has been publishing indexed papers in manufacturing fields and presented them in International conferences. Her industrial experiences has exposed her to various statistical process control techniques which are essential to control a process in production.