

W E B I N A R

“Introduction to Manufacturing Excellence for Chemical Manufacturing Industry”

SPEAKERS:



Dr. Eunice Phang Siew Wei & Mr. Vincent Khaw

12pm - 1pm | 24 October 2020 | Saturday

APPROVED CPD HOUR: 1.0 | REF. NO.: IEM20/HQ/217/T (w)

REGISTRATION FEE

MEMBER: RM15

NON-MEMBER: RM70



SYNOPSIS

The first industrial revolution first started from the period of 1760 that transit the manufacturing process from traditional craftsmanship to large-scale, mechanized manufacturing. To achieve a mass-production factory system, it requires machine and processes to be connected to deliver high production volume that meet the expected product quality. Taking the advantages of industrial technology development, a successful mass-production factory system must be operated efficiently and able to be monitored for its overall performance. The foundation of the industrial culture leads to the birth of manufacturing excellence that aims to reduce non-value added activities and eliminate or improve poor-performing chemical manufacturing process. The foundation of manufacturing excellence based on the methodologies and organizational culture first started from the earlier day such as Lean Manufacturing principles and Six Sigma. Ever since then, many organisation are pursuing lean concept and culture to constantly improve their process efficiency.

This webinar talk is meant to provide participant with the key concepts, tools, methodologies, and implementation best practises. It cover on the introduction to Lean and Six Sigma, explains on voice of customer (VOC), DMAIC methodologies, and value stream management (VSM). At the end of the session, the participant should:

- ✓ Have basic understanding on Lean and Six Sigma.
- ✓ Have basic understanding on lean methodologies.

SPEAKER'S BIODATA

Dr. Eunice Phang Siew Wei is currently the Programme Director for Chemical Engineering at Taylor's University, School of Computer Science & Engineering. Besides, she leads the internal auditors' team at the University for yearly ISO internal audit. Prior to joining academic in 2008, Eunice worked in semiconductor manufacturing from 2002 to 2007, in Malaysia and two years in Singapore. She is currently served as a committee member at the Chemical Engineering Technical Division (CETD) at the Institution of Engineers Malaysia. She is also a working group member (WK8) at Malaysian Plastics Manufacturers Association (MPMA) for ISO Standards reviewer on thermosetting materials.

Mr. Vincent Khaw is a process engineer and lean engineer with working experience in chemical manufacturing industry, particularly on fluid mixing and blending process. He currently leads the process engineering and lean department for Henkel (Adhesive Technology) that aims to improve safety, reliability, quality and efficiency of operating plant facilities. Mr. Vincent holds a BEng in Chemical Engineering and is a registered Graduate Engineer with the Board of Engineers Malaysia. Mr. Vincent is also a co-opted member from IEM-CETD.