

REGISTRATION FORMTel : 603-7968 4026 Fax : 603-7957 7678 Email : sitiaisyah@iem.org.myWebsite: <http://www.myiem.org.my>

2 DAYS COURSE IN LEAN MANAGEMENT IN OPERATION FIELD

Speakers:

Ir. Assoc. Prof. Abu Hanifah Haji Abdullah
&
En. Mohd Fadzil Harun

Organized by:

Public Sector Engineering Special Interest Group, IEM

30 & 31 March 2016

9.00 am – 5.30 pm

C&S / TUS Lecture Room, 2nd Floor, Wisma IEM, Petaling Jaya

BEM Approved CPD/PDP Hours: 14

Ref. No.: IEM16/HQ/043/C

Registration Fees (GST 6% not included)		
Grade	Online Registration	Normal (Offline)
IEM Student Member	RM 300	RM 380
IEM Graduate Member	RM 950	RM 1000
IEM Corporate Member	RM 950	RM 1000
Non IEM Member	RM 1200	RM 1250

Closing Date: 24 March 2016

No Online Registration will be allowed after the Closing Date.

Important Note: IEM members are required to produce their IEM membership cards for CPD scanning at the start and end of the course.

Name(s)	Grade & IEM M'ship No.	Fees (RM)
	SUB TOTAL	
	Add GST @ 6%	
Total Amount Payable		

Cheque no. _____ for the amount of RM _____ (non-refundable) and made payable to “**THE INSTITUTION OF ENGINEERS, MALAYSIA**”. I/We understand that the fee is not refundable if I/We withdraw after my/our application is accepted by the organizing committee as stated in the cancellation term. If I/We fail to attend the seminar the paid registration fee will not be refunded.

TERMS & CONDITIONS:

- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via RHB and Maybank2u –Personal Saving & Personal Current; Credit Card - Visa/Master].
- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as NORMAL REGISTRATION
- FULL PAYMENT must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail to attend the course, the fee is to be settled in full.
- Fee paid is not refundable. Registration fee includes lecture notes, refreshment.
- The Organizing Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available, intending participants are advised to send their registrations as early as possible so as to avoid disappointment.

PERSONAL DATA PROTECTION ACT

I have read and understand the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.

TENTATIVE PROGRAMME

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DAY 1: 30 MARCH 2016	
Time	Details
8.00 – 9.00 a.m.	Breakfast & Registration
9.00 – 10.30 a.m.	Session 1: Introduction to Lean Management – M. Fadzil
10.30 – 1.00 p.m.	Session 2: Lean philosophy through SMT – Prof Abu Hanifah Lean Management in field operation
1.00 – 2.00 p.m.	Lunch Break
2.00 – 3.30 p.m.	Session 3: What is SMT and House of Lean – M.Fadzil Development of team-based lean leadership
3.30 – 4.00 p.m.	Tea Break
4.00 – 5.30 p.m.	Session 4: Group Event Dynamics – Prof. Abu Hanifah
DAY 2: 31 MARCH 2016	
Time	Details
8.00 – 9.00 a.m.	Breakfast & Registration
9.00 – 10.30 a.m.	Session 1: Lean management policy deployment – Prof. Abu Hanifah
10.30 – 1.00 p.m.	Session 2: Documenting Reality, 5S and Imai Chart – M.Fadzil Process Mapping, Standard Work and Visual Management
1.00 – 2.00 p.m.	Lunch Break
2.00 – 3.30 p.m.	Session 3: Real Time Problem Resolution (RTPR) – Prof Abu Hanifah Flow and Linkage – Prof Abu Hanifah
3.30 – 4.00 p.m.	Tea Break
4.00 – 5.30 p.m.	Session 4: Simulation and Exercise – Prof. Abu Hanifah Lesson Learnt

SYNOPSIS

Lean techniques were first introduced by Toyota Motor Corporation in as early as 1945s, later known as Toyota Production System (TPS) and since then have been used by major corporations to reduce operating time and costs while improving product quality. Lean techniques evolve into operation philosophy to: make only what you need, never make a defect or pass a defect on, eliminate waste, and focus on cycle time reduction which ultimately reduces costs. Once in place, lean system use less people, space, inventory, and financial investment. This course focuses on not only providing the knowledge of lean but also how it can be effectively applied in working environment.

Lean manufacturing which is often known simply as "Lean", is a generic process management philosophy derived mostly from the Toyota Production System (TPS also referring as Thinking People System at Toyota). It is a powerful methodology that allows organizations to improve the productivity, efficiency, and quality of their business system i.e. products and services. Companies today, from a wide range of industries, government agencies and other areas are finding ways to apply the philosophy of lean as a means of producing goods and delivering services that creates value for the customer with the minimum amount of wastes and the highest level of quality. It is proven that the implementation of lean philosophy in the organisation were able to operate effectively to make dramatic improvements in quality, cost and on time delivery to increase management, employees and customer satisfaction. Looking on the success story from lean practices' organisation, year on year more organisations are adopted this philosophy to ensure their organisation are sustain competitive and relevant in the market. Our simulation-based, hands-on workshop will present you with essential principles, tools and applications of lean in the operation environment.

BIODATA OF SPEAKERS



Ir. Abu Hanifah Haji Abdullah has been in aviation industry for more than 25 years, in the area of aircraft design, certification, production, operation and maintenance. Ir. Abu Hanifah Haji Abdullah is a Professional Registered Engineering with Board of Engineer Malaysia and many other international engineering bodies. He holds A&P Mechanics Program Certificate, double degree in BSc. in Aeronautics (Aircraft Maintenance Engineering) and BSc. in Aerospace Engineering from Parks College of St. Louis University, USA. He has postgraduate degree MSc. in Aerospace

Vehicle Design from Cranfield University, United Kingdom. Ir. Abu Hanifah Haji Abdullah began his career at Airod Sdn. Bhd. as an Aeronautical Engineer and rose to the rank of Senior Aeronautical Engineer before resigned from Airod Sdn. Bhd. in early 1994 and was an Airworthiness Engineer at Airworthiness Division, Department of Civil Aviation, Malaysia. In 2009, Ir. Abu Hanifah Haji Abdullah retired from government service and joint Universiti Kuala Lumpur, Malaysian Institute of Aviation Technology (MIAT) as an Associate Professor. At the same time, Ir. Abu Hanifah Haji Abdullah also works for UniKL Company, Center for Aerospace Design Sdn Bhd, as the Head of Design.



Mr. Mohd Fadzil bin Harun has been in Supply Chain industry for more than 20 years. He earned his Master in Business Administration from Universiti Utara Malaysia in 2013, Bachelor in Business Administration from Universiti Teknologi Mara in 1994 and Diploma in Accountancy from Politeknik Ungku Omar in 1990. Currently he further his academic research by undertaking PhD research in Lean at Universiti Perguruan Sultan Idris.. His area of specialization are Lean implementation, Lean Supply chain,

Vendor Management, Warehousing and Logistics, attached to local and multi-national Japanese, British, Swiss and American companies.

Mr Fadzil also is a Certified Trainer under HRDF and has lead various plant-wide lean and lean tools implementation such as Mudatori, 5S, 6S, Kaizen, Mieruka, Asaichi, Value Stream Mapping (Makigami) and Heijunka in Malaysia and Indonesia. He also had directly involved in the implementation of supply chain cross-docking trough-out Malaysia, TS16949, ISO9000 and EMS.

Course Outcomes:

By the end of this course, participants should be able to:

- Develop a board understanding the important of lean in operation management to sustain business competitiveness.
- Demonstrate the capability to cultivate lean working culture in operation management.
- Understand the important of 5S and work standard.
- Be able to describe and identify what your customer need is.
- Demonstrate the effective of operation management by visual.
- Understand on Self-Managing Team (SMT) principles to support Lean Operation Management.
- Demonstrate the capability to develop communication plan for SMT.
- Promote the team-based lean leadership, knowledge driven work system a Malaysia individual skill development.