



**Mazlan Bin Awang**

Quality Engineering Section

Universiti Kuala Lumpur (UniKL), Malaysian Institute of Industrial Technology (MITEC)

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**Mazlan Awang**, is a certified trainer (MIM), Quality Engineering senior lecturer and the coordinator of LEAN Excellence Resource Center at Universiti Kuala Lumpur (UniKL) Malaysian Institute of Industrial Technology in Pasir Gudang, Johor. He received his B.Sc. in Industrial Engineering at University of Nebraska-Lincoln, USA and his Master in Mechanical Engineering (Manufacturing) at Universiti Teknologi Malaysia (UTM), Skudai. He teaches Industrial Engineering, Work Design & Ergonomics and Lean Manufacturing courses in UniKL MITEC and currently working on his PhD on Lean Healthcare.

Prior to join academia, Mazlan spent the first 20 years of his career in industrial engineering and served few multinational companies such as Mattel, Applied Magnetics and Tru-Tech Electronics. He is certified time & motion study practitioner, internal consultant for SAP/R3 with extensive experience in Lean and productivity improvements. He left the manufacturing industry as Senior Corporate Manufacturing Engineering Manager.

A registered graduate engineer with Board of Engineers Malaysia, Chartered Quality Professional (CQP-MCQI), Senior Member of American Institute of Industrial Engineering and appointed as Lean Healthcare RTD panel / speaker for Malaysia Productivity Corporation (MPC). Mazlan also is a member of Institute of Healthcare Improvement (IHI) and Lean Institute. Besides being the academician, he extensively conducted Lean Healthcare training and consultancy at various private and public hospitals includes heading the collaboration with Ministry of Health and PEMANDU. To name few of lean healthcare success implementations were at Hospital Sultan Ismail-Johor Bahru, Hospital Tengku Ampuan Rahimah-Klang, and Hospital Kuala Lumpur.

## MAZLAN AWANG

### PERSONAL AND SERVICE PARTICULARS

Name	:	MAZLAN BIN AWANG			
Section	:	QUALITY ENGINEERING	Branch Campus	:	UniKL MITEC
Date of Birth	:	11-JAN.1965	Date Joined UniKL	:	15 JULY 2009
Current Position	:	SENIOR LECTURER	Current Job Type	:	PERMENANT

### ACADEMIC /PROFESSIONAL QUALIFICATIONS

Year	Degree	Discipline	University
1987	B.Sc in Industrial Engineering	Industrial Engineering	Univ.of Nebraska – Lincoln,NE USA
2006	Master of Engineering (Mechanical)	Manufacturing Engineering	Universiti Teknologi Malaysia (UTM)
2012-2015	Candidate – PhD in Engineering Technology (Manufacturing) In-progress 2 <sup>nd</sup> Semester	Manufacturing Engineering	UniKL IPROM
2005	Senior Member – Institute of Industrial Engineers	Industrial Engineering	Institute of Industrial Engineers (IIE), USA
1989	Member – Malaysian Board of Engineers (Reg no: P16775A)	Industrial Engineering	Board of Engineers, Malaysia
2017	Chartered Quality Professional (CQP-MCQI)	Quality Engineering	Chartered Quality Institute UK

### A. WORK EXPERIENCE

Year	Position	Field of Work	Employer
1988-1990	Industrial Engineer Senior Industrial Engineer	Industrial Engineering	Mattel Toys (M) Sdn.Bhd – Prai, Penang
1991-1994	Section Head – Industrial Engineering	Industrial Engineering	Applied Magnetic (M) Sdn.Bhd, Penang.
1995-2005	Engineering Manager	Manufacturing Engineering	Tru-Tech Electronics Sdn.Bhd, Johor
2005-2009	Senior Engineering Manager – Corporate Manufacturing.	Manufacturing Engineering	UL-Tech Electronics Sdn.Bhd, Johor
2009-Now	Senior Lecturer – Quality Engineering	Academic	UniKL MITEC

## B. RESEARCH AND PUBLICATION

### (i) RESEARCH ACTIVITIES

No	Name of Research/ Consultation	Principal Researcher/Co- Researcher	Sponsor / Funding		Project Date	
			Organisation	RM	Begin	Complete
1.	Lean Healthcare: Development of Lean Readiness Index for Malaysian Hospitals	Principle /for PhD thesis programme	UniKL		Nov 2012	Nov 2015
2.	"The Development of Manufacturing Sustainability Framework for Malaysian Industries Utilizing a Macro Supply Chain (McSC) Approach"	Co Researcher/ Skim Geran Penyelidikan Fundamental (FRGS) MOHE– 2010	MOHE		2010	2012
3.	"The Development of Productivity Improvement Framework for Malaysian Hospitals"	Principle / for Master Thesis UTM	UTM		2005	2006

### (iii) PUBLICATIONS

No	Publication Title	Name of Publisher/Organiser	Date of Publication
1.	Application of Productivity Tools and Techniques in Malaysian Hospitals – A Survey Results	International Advanced Technology Congress, UPM	December 2005.
2.	The Development of Productivity Improvement Framework for Malaysian Hospitals	UTM, Master Thesis	Dec 2006
3	Lean Thinking Adoption in Malaysia: Critical Success Factors in Transition of Manufacturing to Services Industry.	Malaysian Productivity Corporation (MPC), Kuantan	May 2013

c) *List of conference paper/s published or presented*

No	Name of Conference	Conference Paper Title	Date of Conference
1.	International Advanced Technology Congress by UPM at Putra Jaya,	Application of Productivity Tools and Techniques in Malaysian Hospitals – A Survey Results.	Dec 2005.
2.	Seminar Pengurusan Lean, Kuantan	Lean Thinking Adoption in Malaysia: Critical Success Factors in Transition of Manufacturing to Services Industry.	May 2013

**C. CONSULTANCY**

No	Name of Consultation / Entrepreneurship	Joint Member	Sponsor/ Funding		Project Date	
			Organisation	RM	Begin	Complete
1.	Gemba Kaizen Coaching	Quality Engineering	PSB Sdn.Bhd		Aug2012	Oct 2012
2.	Lean Office Management		UniKL		2012	2013
3.	Lean Healthcare		PEMANDU/ MOH		Aug 2013	In-progress

**D. PROFESSIONAL CONTRIBUTION TO SOCIETY**

1. Chartered Quality Professional (CQP-MCQI)
2. Professional membership: Senior Member – Institute of Industrial Engineers (IIE)
3. Lean Consultative Advisory Panel to Malaysian Productivity Center (MPC)
4. Establish industrial collaboration (MoU/MoA) with MPC, PSB Sdn Bhd, Faber and CILTM
5. Conducted short-courses and consultancy to the Industry.
6. Currently working with PEMANDU to improve public service delivery through implementation of Lean Healthcare to Malaysian hospital – in progress

#### **E. SCHOLARLY RECOGNITION**

<b>Dates</b>	<b>Accomplishment / Achievement</b>	<b>Level (International/National or PhD/Master)</b>
2011	Anugerah Kerjasama Dengan Industri UniKL	UniKL
2012	Best Employee Award – Anugerah Khidmat Cemerlang 2012 UniKL MITEC	UniKL MITEC
2012	Consultative Panel – Lean Management Practitioners Certification by MPC	National
2013	Guest speaker – Regional Lean Seminar organized by Malaysian Productivity Corporation (MPC) – Johor, Kuantan & Kota Bharu	National
2014	Anugerah Perkhidmatan Cemerlang MARA	National