



# LEAN MANUFACTURING MANAGEMENT SYSTEM

14 & 15 MAY 2026 | 9.00AM - 5.00PM |  
MEF ACADEMY, PJ

## Course Overview

*This programme provides participants with a comprehensive understanding of Lean Manufacturing principles and how to implement an effective Lean Management System within their operations.*

*Participants will learn how to identify non-value-added activities, streamline workflows, and improve productivity through proven Lean tools and techniques. The programme emphasises practical application, enabling participants to apply Lean concepts such as waste reduction, continuous improvement, and standardisation in real workplace settings.*

*By the end of the programme, participants will be equipped to drive operational excellence, enhance quality, and foster a culture of continuous improvement within their organisation.*

## Who Should Attend

- Production Managers, Supervisors and Plant/Department Heads
- Engineers, Technical Staff and Quality/Continuous Improvement Teams

## Learning Outcomes

- Understand and apply key Lean Manufacturing principles and concepts
- Identify waste (muda) and inefficiencies within processes
- Implement Lean tools to improve productivity, quality, and workflow
- Enhance process efficiency through continuous improvement practices
- Develop and sustain a Lean culture within the organisation

## Course Registration :



<https://forms.office.com/r/vYvavq9sQC>





## Course Structure

Time	Agenda
<b>DAY 1: Lean Fundamentals &amp; Waste Elimination</b>	
9.00 - 9.30 AM	<b>Opening &amp; Icebreaker</b>
9.30 - 10.30 AM	<b>Session 1 : Introduction to Lean Manufacturing</b> <ul style="list-style-type: none"> <li>• Overview of Lean principles and philosophy</li> <li>• Importance of Lean in today's manufacturing environment</li> <li>• Value vs Waste</li> </ul>
10.30 - 10.45 AM	Break
10.45 AM - 12.00 PM	<b>Session 2 : Understanding Waste (Muda) &amp; Process Inefficiencies</b> <ul style="list-style-type: none"> <li>• The 7 types of waste</li> <li>• Identifying non-value-added activities</li> <li>• Introduction to process mapping</li> </ul>
12.00 - 1.00 PM	Lunch Break
1.00 - 3.30 PM	<b>Session 3 : Lean Tools &amp; Techniques (Part 1)</b> <ul style="list-style-type: none"> <li>• 5S Workplace Organisation</li> <li>• Visual Management</li> <li>• Standard Work</li> </ul>
3.30 - 3.45 PM	Break
3.45 - 5.00 PM	<b>Session 4 : Lean Tools &amp; Techniques (Part 2)</b> <ul style="list-style-type: none"> <li>• Kaizen</li> <li>• Value Stream Mapping</li> </ul>

Time	Agenda
<b>DAY 2: Implementation &amp; Continuous Improvement</b>	
9.00 - 10.30 AM	<b>Session 5: Value Stream Mapping in Practice</b> <ul style="list-style-type: none"> <li>• Current state mapping</li> <li>• Identifying bottlenecks and improvement areas</li> <li>• Future state planning</li> </ul>
10.30 - 10.45 AM	Break
10.45 AM - 12.00 PM	<b>Session 6: Improving Flow &amp; Productivity</b> <ul style="list-style-type: none"> <li>• Just-in-Time concepts</li> <li>• Pull systems and Kanban</li> <li>• Reducing lead time and cycle time</li> </ul>
12.00 - 1.00 PM	Lunch Break
1.00 - 3.00 PM	<b>Session 7 : Problem Solving &amp; Root Cause Analysis</b> <ul style="list-style-type: none"> <li>• 5 Whys Technique</li> <li>• Fishbone Diagram</li> <li>• Practical problem-solving techniques</li> </ul>
3.00 - 3.15pm	Break
3.15 - 5.00 PM	<b>Session 8: Sustaining Lean &amp; Action Planning</b> <ul style="list-style-type: none"> <li>• Building a Lean culture</li> <li>• Change management and employee engagement</li> <li>• Action plan development &amp; presentation</li> </ul>



**YIP CHOONG YU**  
**Certified Six Sigma**  
**Master Black Belt**  
**Project Coach,**  
**Consultant & Trainer**

## Trainer Profile

Yip has been involved with Continuous Improvement, Business Transformation and Customer Experience for more than 27 years in local corporate as well as multi-national company. He has extensive business and process experience across industries, from manufacturing to telecommunications. A certified Six Sigma Master Black Belt, he has trained and certified over 300 Lean Six Sigma professionals (Yellow, Green and Black Belts) across Malaysia and the Asia Pacific since 2003.

He has coached more than 50 multidisciplinary projects, delivering over RM20M in annual benefits with experience spanning production, finance, IT, inventory, marketing, sales and customer service. At Maxis, he led the successful rollout of Six Sigma as a company-wide culture transformation.

