



**FMM INSTITUTE KEDAH / PERLIS BRANCH**  
CENTRE FOR PROFESSIONAL DEVELOPMENT (475427-W) 199901000527

# AGILE LEADERSHIP FOR INDUSTRY 4.0



**PARK AVENUE HOTEL,  
SUNGAI PETANI**

**28-29 JAN 2026**



**9:00 AM - 5:00 PM**



**TRAINER : EN IKMAL**

## LEARNING OUTCOMES:

- Understand Agile Leadership principles and their relevance in IR4.0 environments.
- Develop adaptive and responsive leadership capabilities in high-change manufacturing settings.
- Enhance digital readiness and foster a culture of innovation and collaboration.
- Apply Agile methodologies to improve quality, productivity, and decision-making.
- Strengthen problem-solving and stakeholder engagement through Agile frameworks.



**SCAN TO REGISTER**

## TARGET AUDIENCE

- Manufacturing Leaders & Managers
- Quality Assurance Practitioners
- Engineers (Process, Production, Mechanical, Electrical)
- Continuous Improvement & Lean Specialists
- Supervisors & Team Leads in IR4.0

## PROGRAM FEES:

**FMM Member : RM999.00**

**Non Member : RM1,134.00**

(Price above are inclusive of 8% SST)



**Telephone**

**+604-440 3628**

**For Further  
Information :**



**Email**

**fmmkedahperlis@fmm.org.my**



## **AGILE LEADERSHIP FOR INDUSTRY 4.0**

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### **INTRODUCTION**

The Agile Leadership for IR 4.0 Program is designed to equip leaders with the mindset, capabilities, and digital fluency required to navigate the fast-evolving landscape of the Fourth Industrial Revolution. As organizations adopt smart technologies, automation, data analytics, and integrated digital systems, leadership must transform from traditional command-and-control approaches to adaptive, collaborative, and value-driven methods.

### **TRAINING OBJECTIVES:**

By the end of the session, the participants will be able to:

- Develop adaptive and responsive leadership capabilities in high-change manufacturing settings.
- Enhance digital readiness and foster a culture of innovation and collaboration.
- Apply Agile methodologies to improve quality, productivity, and decision-making.
- Strengthen problem-solving and stakeholder engagement through Agile frameworks.

### **TARGET AUDIENCE:**

This training is for :

- Manufacturing Leaders and Managers
- Quality Practitioners and Quality Assurance Specialists
- Engineers (Process, Production, Mechanical, Industrial, Electrical)
- Continuous Improvement and Lean Practitioners
- Supervisors and Team Leads involved in IR4.0 transformation initiatives

### **MEDIUM:**

This 2-days program will be conducted on Bahasa Malaysia & English

### **TRAINING METHODOLOGY:**

- Lectures with the use of LCD system
- Group activities & study case
- Practical & Stimulation

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## **AGILE LEADERSHIP FOR INDUSTRY 4.0**

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### **COURSE OUTLINE**

#### **Day 1**

##### **Module 1: Introduction to IR4.0 and Agile Leadership**

- Understanding Industrial Revolution 4.0: evolution, key technologies, impacts.
- IR4.0 drivers & challenges: smart factories, digital workforce, global competitiveness.
- Agile Leadership foundations: values, behaviors, VUCA relevance.
- Relevance in manufacturing: speed, innovation cycles, quality demands.

##### **Module 2: Agile Mindset & Digital Transformation**

- Agile mindset transformation: growth vs fixed, resilience, adaptability.
- Digital transformation essentials: human-machine collaboration, data-driven decisions.
- Overcoming digital resistance: emotional, behavioral, cultural barriers.
- Embedding Agile culture: continuous learning, experimentation, team-level transformation.

##### **Module 3: Agile Tools & Frameworks (Scrum, Kanban, Lean-Agile)**

- Overview of Agile frameworks and applicability.
- Scrum fundamentals: roles, sprints, stand-ups, retrospectives.
- Kanban system: visualization, WIP limits, pull systems.
- Lean-Agile integration: waste elimination, VSM, speed + quality.
- Practical tools: dashboards, Agile boards, prioritization techniques.

##### **Module 4: Leading High-Performance Teams in a Digital Manufacturing Environment**

- Building high-performance culture: psychological safety, autonomy, trust.
- Agile communication: transparency, structured communication, Gemba digital.
- Cross-functional collaboration: breaking silos, multidisciplinary teamwork.
- Empowerment & decision-making: delegation, conflict resolution.

##### **Workshop: Case Study on Agile Integration in Production Lines**

- Workflow mapping exercise.
- Identifying bottlenecks using Agile tools.
- Team brainstorming on improvements.
- Presentation of findings.

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### **COURSE OUTLINE**

#### **Day 2**

##### **Module 5: Agile Problem-Solving & Decision-Making**

- Agile problem-solving: PDCA, 5 Whys, A3, Design Thinking.
- Rapid decision-making: OODA Loop, risk-based prioritization.
- Handling disruptions: breakdowns, quality deviations, supply chain issues.
- Simulation using Agile tools.

##### **Module 6: Quality Excellence through Agile Practices**

- Agile QA vs traditional QA.
- Agile quality tools: FMEA, CAPA, digital quality.
- Quality-by-design, Lean Six Sigma, real-time feedback loops.

##### **Module 7: Managing Change and Stakeholder Expectations**

- Change management using ADKAR.
- Stakeholder mapping & engagement strategies.
- Leading through uncertainty using emotional intelligence.

##### **Module 8: Agile Project Execution in Manufacturing and Engineering**

- Agile project scoping and charter development.
- Sprint planning, task prioritization, execution.
- Metrics: lead time, cycle time, FPY, rework.
- Sustaining Agile using automation and digital tools.

##### **Group Activity: Simulation Exercise & Implementation Planning**

- Develop Agile transformation roadmap.
- Identify challenges & mitigation.
- Present workplace implementation plan.

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## **AGILE LEADERSHIP FOR INDUSTRY 4.0**

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### **TRANER PROFILE:**

#### **En. Ikmal Zofrizal**

Ikmal Zofrizal is well experience corporate leader which has years of professional practices in Oil and Gas global organization, GLC and MNC with strong experience in strategic and operational management. Ikmal has led and facilitated teams to successfully deliver high quality services and complex projects, ranging from major organizational restructures, outplacement and business restructuring projects and process improvement. Among the organization that he has worked with is with oil and gas organization, Including PETRONAS , SHELL , AXCELASIA, MRCB

Ikmal has in depth experience in International management and able to provide advisory on legal aspect and implications for international entities that operate in a complex legal environment specifically on Commercial Strategies and International Law. His core competencies are in strategic management and business operational excellence projects with specialism in organizational development.

He has involved in a large scale transformation projects and operations process improvement initiatives, mainly on front end operations process improvement, policy development and organizational development strategy at international level. Prior to becoming a consultant, he has worked MNC and GLC championing HR strategies at the operational and strategic level. His accomplishments resulted in practical cost-effective programs that improved business results and contributed towards tremendous organizational improvement. His practical experience combined with industry forethought, global best practices and consulting methodology provide the ability to deliver the optimum result managing the transformation programs.

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## REGISTRATION FORM

### AGILE LEADERSHIP FOR INDUSTRY 4.0

Park Avenue Hotel, Sungai Petani

9:00 am - 5:00 pm

28-29 Jan 2026

#### REGISTRATION / PAYMENT

- Upon Faxing / Mailing the completed Registration Form to FMM Institute, Kedah/Perlis, you are deemed to have read and accepted the terms and conditions.
- The course would also be deemed as confirmed unless informed otherwise.
- Will be based on a First-Come-First-Served basis.

#### DISCLAIMER

The FMM Institute reserves the right to change the facilitator, date and to vary/cancel the course should unavoidable circumstances arise.

All efforts will be taken to inform participants of the changes.

#### ENQUIRIES

KEDAH/PERLIS : fmmkedahperlis@fmm.org.my

#### PAYMENT METHODS

Payee name: **FMM INSTITUTE**

- Cheque or bank draft crossed Account Payee only.
- Bank-in payment: to e-mail or fax deposit slip to FMM for issuance of Official Receipt.

Bank Name: **Maybank Bank Berhad**

Account no : **5521-0761-5611**

- Please write the event name on the reverse of the cheque or on the deposit slip.
- For SBL Khas Scheme, an Attendance of 100% is a MUST; in any case, employers will be billed in full.

#### REPLACEMENT / CANCELLATION / NO-SHOW POLICY

Replacement at no additional cost. FMM reserve the right to cancel or reschedule the programme. All efforts will be taken to inform participants of the changes. Participants who did not turn-up at the events are liable for the full payment.

Cancellation must be in writing to FMM. If cancellation is received:

- 7 days before the seminar - no payment charged
- 3- 6 days before the seminar - 50% payment charged
- Less than 3 days - full payment will be charged
- cancellation and refund is not allowed

Attn: Kedah/Perlis Branch PIC

Please register the following participants(s):-

(Please attach separate list if space is insufficient / To be completed in BLOCK LETTERS)

No	Name	Designation	I/C Number	Email	H/P No.
1					
2.					
3.					
4.					

Please Tick appropriate box:

☐ Vegetarian food for \_\_\_\_\_ pax.

We hereby confirm that:

☐ We will be claiming under HRD Corp-Claimable courses (SBL - Khas) but full payment would be made to Federation of Malaysian Manufacturers in the event that no disbursement from HRD CORP under any circumstances.

☐ We are not claiming training grant from HRD Corp. Enclosed cheque / bank draft, No \_\_\_\_\_ for RM \_\_\_\_\_ being payment made for \_\_\_\_\_ participant(s) made in favour of Federation of Malaysian Manufacturers.

Submitted by:

Name : \_\_\_\_\_ Designation: \_\_\_\_\_

Company: \_\_\_\_\_ FMM Membership No. : \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_ Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

Declaration :

I hereby declare that the information provided is correct and complete.

☐ FMM/GS1 MEMBER ☐ NON MEMBER