

FMM WORKSHOP ON PRACTICAL AI PROMPTING FOR MANUFACTURING OPERATIONS (PRODUCTION)

NOVEMBER 16, 2026 (Monday)

9.00 am - 5.00 pm / Swiss Avenue Hotel, Sg Petani



Manufacturing teams spend significant time on repetitive writing and analysis tasks: shift reports, 8D and CAPA reports, work instructions and schedule updates. Generative AI tools can accelerate these tasks, but many employees either do not use them, use them inconsistently, or use them without awareness of data confidentiality and accuracy risks. This programme closes that gap with structured, practical prompting skills applied directly to the department's daily work.

OBJECTIVES

At the end of the programme, participants will be able to:

- **Explain** how generative AI works, including strengths, limitations, and risks of inaccurate output.
- **Apply** the RCFC framework to create clear, reusable prompts for production tasks.
- **Draft, summarise, and restructure** technical documents such as reports, SOPs, and emails.
- **Support problem-solving** using AI with 5 Why, Fishbone (Ishikawa), 8D, and FMEA methods.
- **Implement responsible AI practices** aligned with company data protection policies.
- **Develop a prompt library** for ongoing departmental use.

SPEAKER:

Ts. Mohd Arif Mohd Ghazali

With over 28 years of enterprise IT and infrastructure experience, Ts. Mohd Arif Mohd Ghazali is a seasoned consultant and HRD Corp Accredited Trainer specializing in AI workforce enablement, digital transformation, and LMS deployment. He has led nationwide technology projects, including classroom management systems and enterprise integrations across major organisations, while delivering impactful training programmes on safe, responsible, and role-based AI adoption.

Certified in AWS Cloud Technical Essentials, Google Gemini, and iSpring, Arif combines technical depth with practical training delivery in both English and Bahasa Malaysia. Recognised as a thought leader in Malaysia's digital learning and public sector readiness, he continues to empower organisations to embrace AI and digital transformation effectively and responsibly.

Time	Session
9:00 – 10:30	Module 1: AI Essentials for Manufacturing - <i>Generative AI basics, hallucination risks, responsible use</i>
10:30 - 10:45	Tea Break
10:45 – 12:30	Module 2: The Role, Context, Format, Constraint (RCFC) Prompting Framework – <i>Strong vs weak prompts, quick wins (emails, minutes, translations), AI-assisted 5 Why</i>
12:30 - 13:30	Lunch
13:30-15:30	Module 3: Department Prompt Labs - <i>Guided labs using sample company-style data</i>
15:30 - 15:45	Afternoon Break
15:15 - 16:30	Module 4: Workplace Case Simulation machine breakdown – <i>containment, root cause and process change</i>
16:30- 17:00	Module 5: Prompt Library & Wrap-up - <i>Save/share templates, post-assessment</i>

TARGET GROUP

Production Supervisors, Line Leaders, Machine Operators, Process Technicians and Quality Inspectors

PRE-REQUISITES

Basic computer literacy; laptop access; approved AI tool (Microsoft Copilot, ChatGPT, Google Gemini per company IT policy)

METHODOLOGY

RCFC Prompting Framework (Role–Context–Format–Constraint), live demos, production-specific labs, case studies, group simulation



Inquiry: Call Zai/Meeza at 04-4403628 or email to fmmkedahperlis@fmm.org.my

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NOV 16 2026 (MONDAY) @ SWISS AVENUE HOTEL, SG PETANI

REGISTRATION FORM

CLOSING DATE:
NOVEMBER 2, 2026

MYCOID: 007907X_KEDAH / SBL Khas Programme Number: 10001762055

PARTICIPANT(S) DETAILS

Full Name _____
Designation _____ IC Number: _____
Email address _____

Full Name _____
Designation _____ IC Number: _____
Email address _____

SUBMITTED BY

Name _____
Designation _____
Email address _____
Company Name _____
Company Address _____
Tel No: _____ FMM membership # _____

We hereby confirm that:

- ☐ We will be claiming under SBL-Khas Scheme and full payment would be made to Federation of Malaysian Manufacturing in the event that no disbursement from HRDF under any circumstances. The HRD Corp Grant Ref #: _____
- ☐ We will NOT be claiming under SBL-Khas Scheme. Please provide invoice.
- ☐ Vegetarian food for _____ pax.

SBL KHAS SCHEME

This programme is claimable under SBL-KHAS. FMM will claim the coursefee directly from the employer's account with HRD Corp. However,approval from HRD Corp is required prior to commencement of programme by submission via eTris under Skim Bantuan Latihan (SBL-KHAS). The company has to make the FULL PAYMENT to FMM in the event that no disbursement from HRD Corp (SBL-KHAS scheme)under any circumstances

DISCLAIMER

- FMM reserves the right to cancel or reschedule the programme.
- All efforts will be taken to inform registered participants of any changes.
- Attendance is by prior registration only.

ADMINISTRATIVE DETAILS

Date : **November 16, 2026 (Monday)**
Time : **8.30 am – 5.00 pm**
Venue : **Swiss Avenue Hotel, Sungai Petani**
Fee : **FMM/GS1 Members RM 810.00 per pax (incl 8% SST)**
: **Non-Members RM 918.00 per pax (incl 8% SST)**

PAYMENT & OTHER TERMS

- For Non HRDC claimable, Payment by bank transfer to **Maybank a/c no: 552107614029** (please email payment slip for receipt)
- For SBL Khas Scheme, an Attendance of 100% is a MUST; in any case, employers will be billed in full.
- SBL-Khas Scheme grant approval must be forwarded to FMM KP Branch at least 3 days before the programme date.

REGISTRATION

- Upon Faxing / Email the completed Registration Form to FMM 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 First-Come-First-Served basis.

CANCELLATION & REFUND

- Cancellation must be made in writing
- No charges for cancellation of 7 days prior to the programme
- 50% refund for cancellation between 3-6 days
- Registered participants who do not turn up will be charged accordingly
- No additional cost for replacement