



# FMM CERTIFICATE IN PRODUCTION PLANNING AND CONTROL

📅 JULY 24, 31, AUGUST 7, 14 & 21, 2022

🕒 9.00 AM – 5.00 PM 🏠 FMM INSTITUTE, PERAK

**FMM Certificate in Production Planning and Control** is specially designed for the professional development of employees in the manufacturing sector. This programme will impart participants with the concepts and tools of Production Planning and Control, Production Scheduling and Measurement and how they are implemented at the manufacturing shopfloor.

## COURSE CONTENTS

### Module 1: Introduction to Production Planning and Control and Production Planning Systems

- Aggregate Planning and Capacity Planning
- Master Production Scheduling

### Module 2: Material Requirement Planning (MRP)

- Objectives and Applicability of MRP
- Inputs and Outputs of MRP
- Implementation Issues

### Module 3: Inventory Management

- Independent and Dependent Demand
- The Cost of Inventory
- ABC Analysis
- Inventory Modules for Independent Demand
- Safety Stock and Safety Leadtimes

### Module 4: Just-In-Time (JIT)

- Philosophy of Operations
- Techniques for Managing Operations
- Methods of Planning and Control
- Drawbacks of JIT

### Module 5: Supply Chain Management

- Purchasing
- Distribution/Logistics
- Materials Management
- Supply Chain Policy and Operations Strategy
- Supply Chain Dynamics

### Module 6: Maintenance Management and Major Losses

- Goal of TPM
- Overall Equipment Effectiveness
- TPM Development

## COURSE OBJECTIVES

- Understand the concepts and tools used in planning and operating an effective manufacturing system
- Understand the approaches and techniques needed to ensure the effectiveness and efficiency in daily production operations
- Develop potential team-leaders in the manufacturing industry

## ENTRY REQUIREMENTS

- Minimum MCE/SPM/SPVM education level
- Minimum 1 year working experience

## AWARD OF CERTIFICATION

Upon successful completion of the course and its coursework, participants will be awarded the **Certificate of Achievement**. Participants who have attended at least 80% of the programme will be awarded a **Certificate of Attendance**.

## COURSE STRUCTURE

<b>Number of Contact Days</b>	<b>: 5 days</b>
<b>Lecture Days</b>	<b>: Scheduled Sundays</b>
<b>Time</b>	<b>: 9.00 am – 5.00 pm</b>
<b>Evaluation</b>	<b>: Work Place Assignment</b>

## WHO SHOULD ATTEND

This programme is meant for those who are currently involved in the production and operations. It is also recommended for those at supervisory and junior/middle management levels.

## TRAINERS

**MS AMANDA SOONG SHI KWEEN** who holds a Bachelor's degree in Commerce from La Trobe University, Australia has been involved in the field of Purchasing, Production planning and control, customer service, marketing, warehouse management, training and *consulting for 20 years. She has deep experience in* initiating and implementing supply chain process, vendor cost control improvement system, and efficient production planning and control in one of the world's leader in electronics manufacturing.

**MS AMANDA'S** interests are in helping organizations and individuals succeed through transforming and transcending their performance. Her extensive experience in change and project management has seen her in roles that have led to dramatic improvement in company performance across the supply chain sector. Her strengths lie in her ability to work collaboratively with clients to understand and meet their needs. She is also a certified trainer registered with PSMB.

**MR RAJANDRAN A/L KRISHNASAMY** holds a Diploma in Mechanical Engineering from Federal Institute of Engineering, KL and a Certificate in Electronics from Seremban Electronics. He started his career with Motorola Semiconductor in the area of Equipment Maintenance Function and grew steadily to become an Equipment Engineer. He later joined QDOS Microcircuits as a Production Section Head and subsequently joined a Japanese MNC as a Training Department Section Head and then as Engineering Section Head and Safety Officer hitherto.

**MR RAJANDRAN** is a certified trainer registered with PSMB and has conducted numerous programmes such as Total Productive Maintenance, Basic Mechanical Maintenance, Occupational Safety & Health Management System and Supervisory Management. In the past, he has conducted training courses for Samsung, Northern Telecom, Globetronics Technology, ISO Technology and SMCI Globetronics Technology. In addition, he has also won the Gold Medal as a Total Productive Maintenance Coordinator for Equipment in the Final Test Department in a Total Customer Satisfaction Competition held in Chicago, USA.

## COURSE STRUCTURE.....

- 1) Contact Days: **5 days (Scheduled Sundays)**
- 2) Contact Hours: **35 hours**
- 3) Time: **9.00 am – 5.00 pm**
- 4) Medium of Instruction: **English**

## ADMINISTRATIVE DETAILS....

Venue **FMM Institute Perak,  
No 1, Lorong Raja DiHilir,  
30350 Ipoh, Perak**

- Fees **FMM Members RM 3,312.50/pax**  
**Non-Members RM 3,975.00/pax**  
**Self-Sponsored RM 3,312.50/pax**
- Fees inclusive of Service Tax at 6%, Course Materials, Refreshment and Certificate of Attendance
  - Lunch is NOT provided.

For further details, please contact  
**Ms Nicole / Ms Divya /  
Pn Eda / Ms Harvindar**  
☎ (05) 548 8660 📠 (05) 548 8221  
✉ [fmmperak@fmm.org.my](mailto:fmmperak@fmm.org.my)

## DISCLAIMER

The FMM Institute Perak reserves the right to change the facilitator, date and to vary/cancel the programme should unavoidable circumstances arise. All efforts will be taken to inform participants of the changes.

## REGISTRATION

- Upon **Faxing / Mailing** the completed **Registration Form** to FMM institute Perak, you are **deemed** to have read and **accepted** the terms and conditions. The course would also be **deemed** as **confirmed** unless informed otherwise.
- For **HRD Corp Claimable Scheme**, employer's **HRD Corp grant Approval** must be forwarded to FMM Institute Perak **at least 3 days** before the Training date.

## PAYMENT

- For **HRD Corp Claimable Scheme**, an **Attendance** of **100%** is a **MUST**, in any case, **employers will be billed** in full.
- Cheques must be made in favour of '**FMM Institute**'.
- FMM Institute SST Registration No: **W10-1901-32000105**

## CANCELLATION / DISCONTINUATION

- Must be in Writing with Reasons
- 7 days before the course commences – **No payment charged**
- 3 – 6 days before the course commences – **50% payment charged**
- < 3 days before the course commences – **Full payment charged**
- **Participants who did not turn-up will be charged full payment.**
- Replacements can be accepted at no additional cost.
- For **discontinuation**, **payment made will be forfeited.**

~ Registration Form ~

# FMM CERTIFICATE IN PRODUCTION PLANNING AND CONTROL

**CLOSING DATE:  
JULY 15, 2022**

FMM Institute  
No 1, Lorong Raja DiHilir, 30350 Ipoh, Perak

Fax: 05-5488221

Dear Sir / Madam, please register the following participant(s) for the above programme.

1.	Name	Designation
	NRIC	HP No
2.	Name	Designation
	NRIC	HP No
3.	Name	Designation
	NRIC	HP No

(Please attach a separate list if space is insufficient)

We hereby confirmed that (Please tick (✓) in appropriate box):-

- We **will be claiming under HRD Corp Claimable Scheme** and full payment would made to FMM Institute in the event that no disbursement from HRDF under any circumstances
- We will **NOT BE CLAIMING under HRD Corp Claimable Scheme**. Enclosed cheque/bank draft No \_\_\_\_\_ for RM \_\_\_\_\_ being payment for \_\_\_ participant(s) made in favour of the "**FMM Institute**".

Submitted by:

Name:	Designation:	
Company:	Tel:	Fax:
Address:		
Email:	FMM Membership No	