

# Two Day Seminar on Makigami Analysis

**Total Productive Maintenance**  
**An indispensable strategy for**  
**World Class Manufacturing**

**1-2 August 2024: 09:00 am to 5:00 pm**

**Venue: Sigma Electric Manufacturing Corporation Pvt. Ltd.**

**Unit 3: Plot B27, Chakan MIDC, Post Mahalunge, Tal - Khed, Pune - 410501, India**

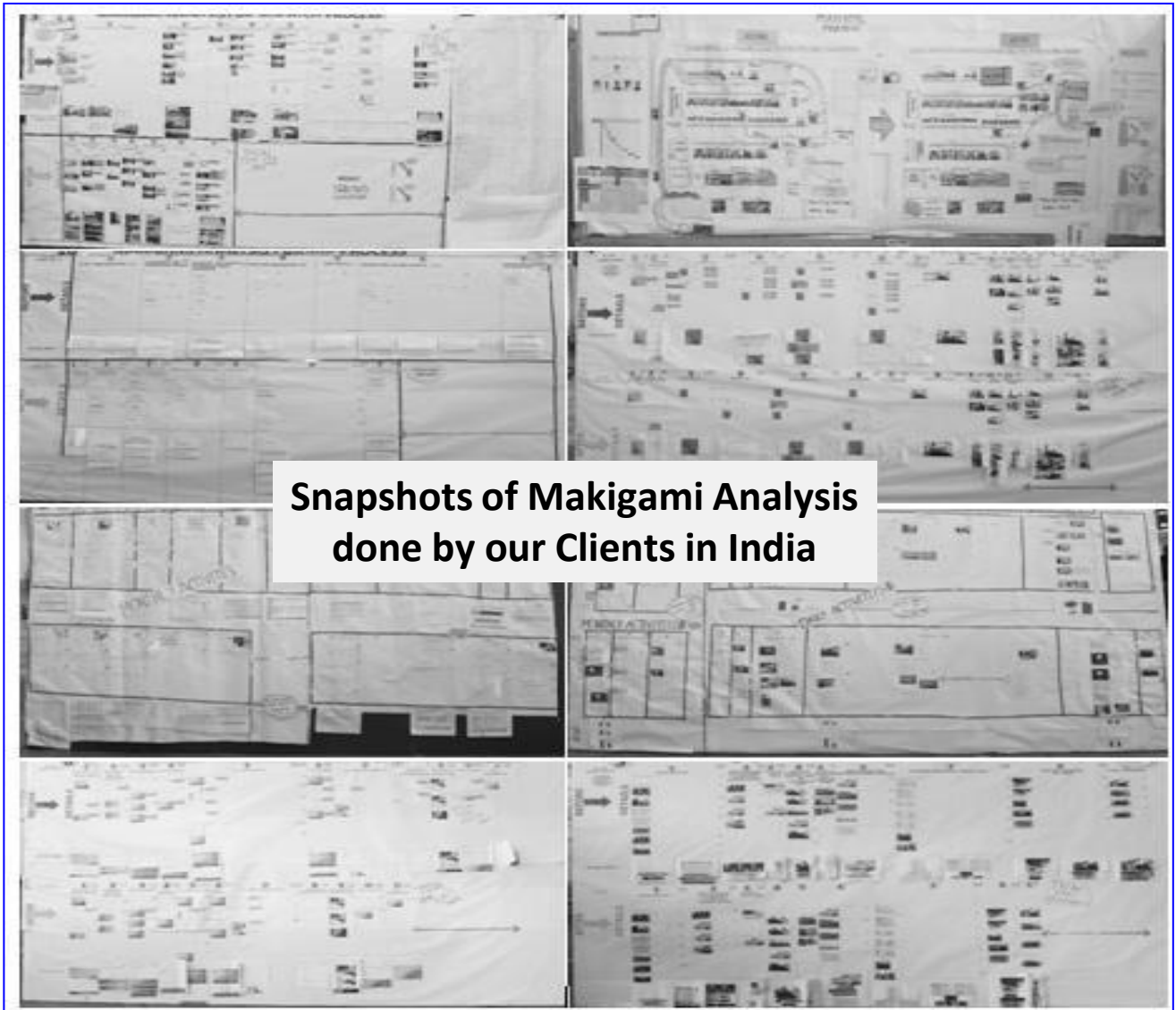
## 1. Introduction:

### **Makigami Analysis - Unearthing losses in any process flow:**

The Makigami analysis technique is a structured process mapping and improvement method to identify all losses in a process flow; it could be the manufacturing process from the raw material procurement stage to the finished product dispatch stage or check processing from invoice receipt to check dispatch or any number of such instances. Makigami analysis uses a structured format to visually capture details of complex business processes. It captures all the sub-functions of a process in depth; Analysis is done to identify non-value adding activities or losses and actions taken to address them. The methodology followed in this process leads to a better design of the future state process based on loss elimination. The first makigami prepared by Okumura san in 1996, in Fujico, Japan, Shown below . This is the mother of all makigami analysis.



Then, later this tool having been used in many TPM following industries in India as well as in other countries. Some of Makigami analysis snap shots shown in next page.



## 2. The primary objective of the Makigami Analysis is to:

- Understand the existing process
- Identify as many subprocesses as possible within the process where processes are usually not transparent.
- Look for the scope of improvement in each of the subprocesses.
- Identify losses by this technique to visualize the non-visible losses in the process
- Take action on the losses to develop a highly efficient process.
- How to conduct Makigami Analysis
- Makigami Workouts, etc...

## 3. Delivery Methodologies:

The programme will be delivered in English, Tamil & Hindi wherever required. Mostly lecture with visual aids using multimedia projection system and hand-outs. **Case Study Preparation, Group Exercise with Teamwork**

#### **4. Advantage of Attending This Course/ Knowledge Gain:**

- When the Makigami analysis is being done in a proper manner, this guarantees your process will be far faster, more reliable, more transparent, less output errors, more predictable, more stable, and most of all.
- This mapping tool has the inbuilt capability, which brings the organization and its employees towards organized thinking and functioning.
- Transform the way of looking, thinking, and deciding, far different from what you have been used to.
- Create design practices and rules to develop smooth, solid easy to understandable, and value-adding processes.

#### **5. Target Audience:**

Manufacturing Heads, Quality Heads, Engineering Heads, Process Heads, supporting functions heads, Senior Managers, and Managers from Manufacturing, Process, Engineering, and Quality, etc.

#### **6. Date & Time:**

**Date** : 1-2 August 2024

**Time** : 09:00 am to 5:00 pm

#### **7. VENUE:**

Sigma Electric Manufacturing Corporation Pvt. Ltd.  
Unit 3: Plot B27, Chakan MIDC, Post Mahalunge, Tal - Khed,  
Pune – 410501.

#### **8. Participation Fee:**

CII Member fee 10,000/- + 18% GST per person.

CII Non-member fee 11,000/- + 18% GST per person

More than 3 participants from the same organization, discount of 10% on participation fee.

#### **9. Last Date for Registration :**

Kindly send the nominations on or before **26 July 2024** along with the participation fee.

