QUALITY CIRCLE FORUM OF INDIA
BENGALURU CHAPTER

in association with

Department of Mechanical Engineering,

DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU

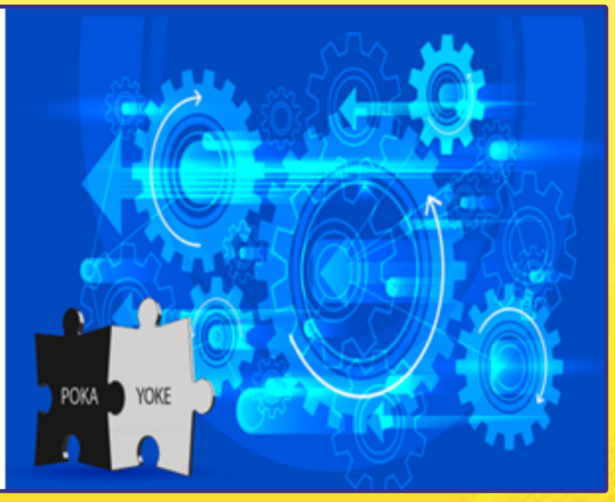
Announces 7th CONCLAVE on

POKAYOKE / JIDOKA and SMED

on

Saturday, 24th February 2024

Theme: Developing Self – Reliant India Through Productivity Improvement & Zero Defect -A Reality System



Last date for Registration	Result /Award
19th February 2024	24th February 2024

Venue :

C.D. Sagar Auditorium,
Dayananda Sagar College of Engineering,
Kumaraswamy Layout, Bengaluru

ABOUT THE CONCLAVE:

Quality Circle Forum of India, Bengaluru Chapter proudly announces the **7th Conclave on POKA YOKE, JIDOKA & SMED** to be conducted on **24th February 2024 from 0900 to 1700 hrs Physically.** This event will provide an opportunity to bring out the hidden talents of employees of different organizations in the areas of P, Q, C, D, S, M, E and to share their experience in implementation of the above techniques and improvements.

1. INTRODUCTION/HIGHLIGHTS

POKA YOKE a Japanese technique that means "mistake-proofing". It helps an equipment / operator to avoid (Yokeru) mistakes (Poka). Its purpose is to eliminate product defects by preventing, eliminating, or drawing attention to human errors as they occur. The concept was formalized, and the term adopted, by Mr Shigeo Shingo, a Japanese mechanical engineer as part of the Toyota Production System during 1960s. Poka Yoke is a scientific way of eliminating human errors.

JIDOKA - The invention of Jidoka was the turning point of mass production management, which is evident in Automation system in M/s.Toyota. Jidoka is the method of automatically stopping production equipment or the production line in the event of a malfunction or a defect, in order to prevent defects from being produced. Jidoka is one of the main pillars of the Toyota Production System. The founding Father of the Toyota Production System (TPS), Mr. Taichi Ohno thought that if the machine itself detects abnormality and stops by itself, an operator can then rush to the scene to solve the problem and to prevent defective products from being made.

SMED - Single Minute Exchange of Die focuses on reducing changeover and set-up times, thus enabling organizations to Produce smaller lots of products and services more frequently, develop a broader scope of products and services and reduce quality defects towards zero and meet Customer's expectations. Single Minute Exchange of Die Developed in Japan by Mr Shigeo Shingo for Toyota, Method first applied to Press Operations, is applicable to any type of changeover, to reduce lead times, faster delivery, zero inventories, reduced working capital, improved quality, improved safety and smaller lots of products as well as flexibility.

2. FOR WHOM

This program is aimed at creating a Participatory Environment for the Line Leaders, Supervisors, Front Line Engineers and Officers who are responsible for the implementation of the improvements in the field of POKAYOKE, JIDOKA & SMED.

3. METHODOLOGY

A team consisting of two members from the same Organization will present their POKA YOKE, JIDOKA & SMED case study, which will be of 7 minutes duration, followed by Q & A session of 3 minutes. The presentation should be made in Power Point only. Presentation should **be limited to 20 slides**. Organizations can nominate any number of teams.

4. LANGUAGE: ENGLISH or KANNADA

5. Guidelines for Participation

- Nomination will be registered up on the receipt of:
  1. Form A
  2. Form B/C (as applicable)
- Soft Copy of case study to be sent to QCFI for Pre-Evaluation on or before 19th February 2024.
- Teams outside the region/chapter are also eligible to participate.
- Any number of teams can participate.
- No refund of fee in case of cancellation.
- Front page of the Case study/Presentation should have the following details-

A. Name of the Organization.
B. Name of the team.
C. Title of the Case Study
D. Category (POKAYOKE, JIDOKA, SMED)

- **Certificate & Shield will be issued as per details given in Form 'A'.**

6. EVALUATION CRITERIA

A. Pre Evaluation Criteria:

SL NO	CRITERIA	MARKS
1	Problem - Description of case study	5
2	Root Cause Analysis	10
3	Present Mechanism - System of the POKA YOKE / JIDOKA / SMED	5
4	Impact - Inconvenience	5
5	Type of Improvement	5
6	Improvement Mechanism – Changes Implemented	15
7	Result achieved – Benefits – Tangible & Intangible	5
8	Requirement of time to implement	5
9	Sustenance and Maintenance - Standardization	10
10	Follow up & Review	5
	TOTAL	70

B. Presentation Evaluation Criteria:

SL NO	CRITERIA	MARKS
1	Sequence	5
2	Communication Skills	5
3	Time Management	5
4	Special Effects	5
5	Question & Answers	10
	TOTAL	**30**

7. RECOGNITION

Based on the evaluation by a panel of judges, the participating teams will be given the Certificates By the chapter, as follows:

70% and above	**GOLD**
60 to 70%	**SILVER**
Below 60%	**BRONZE**

8. REGISTRATION & FEE STRUCTURE

₹5000/- (Rupees Five thousand only) + GST @ 18% for a team of Two members. Organizations can nominate any number of teams for this event. If teams are not available, nominations of individuals as delegates are welcome. The fee per delegate is Rs 2500/- (Rupees Two thousand five hundred only) + GST @18%.

Last date for Registration	Conclave, Presentation, Result & Award
19th February 2024	**24th February 2024**

9. REGISTRATION FEE CAN BE PAID AS FOLLOWS:

- By Cheque/DD drawn in favour of QUALITY CIRCLE FORUM OF INDIA payable at Bengaluru, and/or
- By NEFT, the bank details are as follows:

Name of Bank: State Bank of India
IFS Code No: SBIN0040199
Name of A/C: QUALITY CIRCLE FORUM OF INDIA
A/C No: (SB) 31137088516
QCFI GST Regn No: 29AAAAQ0008P1ZF

- **QCFI BENGALURU PAYMENT QR CODE GIVEN BELOW:**

10. For further details: please contact

The Secretary,
QUALITY CIRCLE FORUM OF INDIA
Bengaluru Chapter.

A/22-B, Brigade MM Industrial Complex,
K.R. Road (Near Yediyur Circle), Bengaluru 560070
Tel. (080) 26768289, E-mail ID: qcfiblr@gmail.com

For any clarification, please contact:

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