7. PAYMENT

Fee can be paid either by cheque or direct transfer to our SBI account. The bank details are:

Name of the Bank: **State Bank of India**
Branch: **Tata Silk Farm Branch, Bengaluru - 560004**
IFS Code: **SBIN0040199**
Name of Account: **Quality Circle Forum of India**
Account No: **31137088516**
QCFI GST No.: 29 AAAAQ 0008P 1ZF

8. LAST DATE FOR REGISTRATION

The last date for Registration for the above is **14th January 2020.**
Registration form is attached.

9. ATTENDANCE REGISTRATION

Attendance Registration: From 0830 hrs onwards on Saturday, 25th January 2020.

10. ORGANIZING COMMITTEE

QCFI BENGALURU CHAPTER	B.M.S COLLEGE OF ENGINEERING, DEPT. OF I.E.M.
Sri G. Natarajan, Hon.Member	Dr Ramesh Nayak B, HOD
Sri M.A. Ramanujam, Hon. Treasurer	Dr Rathanraj K J, Professor
Sri K. Ramesh, Hon. Internal Auditor	Dr Ravishankar B, Professor
Sri K.Siva Subramaniam, Hon. Member	

11. CONTACT

Please send your nominations in the Registration Form, together with payment to:

S. Kulkarni
Hon. 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 | Mob. 96322 44660
E-mail ID: qcfiblr@gmail.com

For any clarification, please contact:

Coordinator: Mr. G. Natarajan – Governing Council Member, QCFI - Mobile No. 95351 74551

QUALITY CIRCLE FORUM OF INDIA
BENGALURU CHAPTER

in association with

B.M.S COLLEGE OF ENGINEERING, BENGALURU

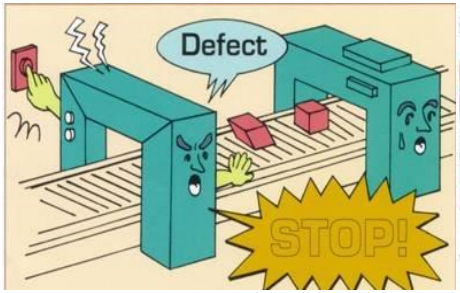
Announces 3rd CONCLAVE on

POKA YOKE / JIDOKA / SMED and KARAKURI

Day / Date: Saturday, 25th January 2020

Theme : Productivity Improvement & Zero Defect

– A Reality System



Venue

Department of Industrial Engineering & Management
B.M.S College of Engineering
Bull Temple Road, Bengaluru-560019

Quality Circle Forum of India, Bengaluru Chapter proudly announces the 3rd **Conclave** of **POKA YOKE / JIDOKA / SMED / KARAKURI** to be conducted on **Saturday, 25th January 2020** from **0930 to 1630 hrs** in **B.M.S College Of Engineering, Bengaluru – 560019**. 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

POKA YOKE is a Japanese technic that means "mistake-proofing". Poka-Yoke is a mechanism in a process that 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.

KARAKURI - is for achieving fascinating motions with either "No Power or Low Power" using Engineering techniques. Today's' manufacturing industries are continuously facing the challenge of cost reduction, through various productivity improvement activities. Karakuri as a Low Cost Automation can also be seen as a tool for this practice and can be applied to many areas. For instance: A factory may use Karakuri to transfer boxes from a moving device to a rail by the use of mechanical interface allowing the boxes to move, or stay in position till movement was desired.

2. FOR WHOM

This program is open to workmen, supervisory personnel, first line engineers & officers, from Maintenance, Manufacturing, Engineering & QA/QC, who practice, POKA YOKE / JIDOKA / SMED and / or KARAKURI in their organizations.

3. METHODOLOGY

A team consisting of **TWO** members from the Organization will present their POKA YOKE / JIDOKA / SMED / KARAKURI case study, which will be of 10 minutes duration, followed by Q & A session of 5 minutes. The presentation should be made in Power Point only. Presentation should **not exceed 20 slides**.

Laptop and Projectors will be provided by Quality Circle Forum of India, Bengaluru Chapter.

At the time of Registration, a **'soft copy'** of the presentation, in Windows 7 and without any password, should be given for uploading the case study.

4. LANGUAGE

ENGLISH or KANNADA

The teams will be evaluated and awarded under following categories:

Score	Award
70% and above	GOLD
60% and above but < 70%	SILVER
50% and above but < 60%	BRONZE
< 50%	PARTICIPATION CERTIFICATE

5. EVALUATION CRITERIA

1. Problem - Description of case study
2. Root Cause - Impact of the case study
3. Present Mechanism / System of the POKA YOKE / JIDOKA / SMED / KARAKURI
4. Impact / Inconvenience
5. Type of Improvement
6. Improvement Mechanism / System Effectiveness
7. Result / Benefit and Maintenance
8. Requirement of time to implement
9. Sustenance / Standardisation
10. Question & Answers

6. FEES

Rs.3800/- (Rupees Three thousand and Eight hundred only) + GST at 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.2000/- (Rupees Two thousand only) + GST at 18%.**

No refund of Registration Fee in case of cancellation.