



## A Quarterly Bulletin of Quality Circle Forum of India - Mumbai Chapter

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July - September : 2021

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### From the Desk of Chairman

On 15th August, 2021, we celebrated **75th Independence Day**. This year's theme **Nation first, always first** was to honour sacrifices made by our freedom fighters for the nation. Salute to leaders who made our democracy healthy and vibrant. They came forward to extend help to awaken freedom and inspire each one to contribute to country's growth. It was rise of new India where growth and social inclusion were parts of its credo. Pandemic reinforced the need to build a better world that is greener, more sustainable and inclusive. Thanks to oxygen supply authorities and ramping up healthcare infra for extending relief to vulnerable.



National Dashboard indicated, as we started turning corner on the pandemic and vaccination started becoming available, the country started moving towards full freedom from Covid 19 menace. Still, Government has appealed to citizens to remain cautious in the upcoming festive season like Dassera, Dipawali and Christmas. People get together to celebrate festivals. This may result in spreading covid 19.

QCFCI Mumbai Chapter and Thane sub-chapter organised First Virtual Competition on Kaizen, Poka-Yoke, SMED & LCA on 23rd, 24th and 25th July 2021. Shri. R.S. Potdar was the Convener for the competition. Shri. S.S. Patankar headed the team with back up of our office staff. **131 teams** participated in the Competition. I appreciate efforts taken by my colleagues in the Chapters, judges and our office staff. The first top ten Winners will be given opportunity to present their case studies in ICQCC 2021, Hyderabad and winners of gold and silver awards will be given opportunity to present case studies in NCQC 2021, Coimbatore.

35th Annual General Meeting was organised in the virtual form on 21st August 2021. Mr. Jayant Malshe, Secretary presented Annual Report for the year 2020-2021, and Mr. Girish Thatte, Treasurer presented highlights of Balance Sheet, Income & Expenditure statement. They also answered all the queries from the participants. Annual Report & Income & Expenditure statements were unanimously adopted and approved by the members. Our special thanks to them, QCFCI HQ staff, Auditors Garud & Associates and our office staff for extending time to time help for preparing Annual Report & Income & Expenditure Statements

We organized our 35th Annual Chapter Convention virtually from 25th to 29th

Wish you all a Happy Diwali



Wish you all a Happy Diwali





September, 2021. This year convention theme was **"INVOLVING PEOPLE THROUGH QUALITY CONCEPTS TO MAKE INDIA GLOBAL LEADER"**. The Convention was inaugurated by Mr. Kush Shah, Global Quality Professional & ex-Senior Manager, General Motors. The guest of honour were QCFI President, Mr. Satish Kalokhe and Executive Director, Mr. D.K. Srivastava. All the dignitaries appreciated performance of Mumbai & Thane Chapters and delivered encouraging, motivating and inspiring speeches.

**236 Teams (168 QCs, 68 OCs)** from different organizations, across the country, participated in the convention. My colleagues from Mumbai and Thane Sub Chapter extended unstinted support in managing various activities of the Convention. I am proud to say that this convention was successful because of their tireless efforts, excellent performance of judges, anchors and coordinators. In all the processes, our QCFI office team worked round the clock till completion of the convention. I convey my heartfelt appreciation to all of them for their support and cooperation.

We also once again appeal to our members not to let their guards down against this deadly menace.

**Any protection is better than no protection. Vaccination: A shared responsibility.**

**Stay Safe, Stay healthy and Stay with QCFI!!!**

**I wish all members of QCFI Pariwar a Happy, Prosperous and Healthy Deepavalee.**

**- K. B. Bharati**

Chairman & Director, QCFI

# First Announcement

## NCQC 2021 Coimbatore

# NATIONAL CONVENTION ON QUALITY CONCEPTS (NCQC-2021)

### Date: 27<sup>th</sup>-30<sup>th</sup> December 2021

Hosted by QCFI Coimbatore Chapter

Venue : PSG Institute of Technology and Applied Research (PSG iTech)

Wish you all a Happy Diwali



Wish you all a Happy Diwali



## QCFI MUMBAI CHAPTER AND THANE SUBCHAPTER HOLDS FIRST VIRTUAL COMPETITION ON KAIZEN, POKA-YOKE, SMED& LCA

“You have to remember that the hard days are what make you stronger. The bad days make you realize what a good day is. If you never had any bad days, you would never have that sense of accomplishment!” – Aly Raisman

Accomplishment comes when we try and overcome the negative situation. So with the new normal it was now time for us to organize a program that will give a sense of Achievement and Accomplishment to our member organizations. Thus, the 1st "Virtual Competition on KAIZEN, POKA - YOKE, SMED, LCA was planned to be organized on 16th and 17th of July 2021. However due to the overwhelming response and demand the competition was postponed to 23rd and 25th of July 2021 to accommodate all the teams that wanted to participate from all over India.

In the General Council Meeting held on 25th June a team was formed to govern the proceeding of the competition headed by Shri. R. S. Potdar as the Convener for the competition. The compilation of entries, evaluation and results was bestowed on Shri. S. S. Patankar with back up of our office team headed by Shri. Kale and his team. The judge's team consisted of Ms. Leena Pai, Shri. Mahesh Bhoir, Shri. S.R. Pande and Shri. Henry Samuel. The evaluation committee had several more meetings to finalize the proceedings in detail and with help from the Governing Council Members participation started pouring in. For the first time in India we held a UNIQUE competition through IDEA SHEETS and Top 49 teams got shortlisted for Final Virtual Competition. IDEA sheet is a very important document in the continual improvement journey of any organization.

Total 131 teams registered and sent their A3 size Idea Sheet with all details of the case study in the Idea sheet format conveyed earlier. As per evaluation by the team of expert judges the participating teams were categorized into **Gold (39), Silver (54) and Bronze (38)** award winners. As decided earlier, 49 teams of these were selected on merit and given a chance to present their case studies on line in the presentation format conveyed. The judges for the virtual presentation were; Shri. S.V. Subramaniam of Kaizen Institute and Shri. S.N. Roy of MABEC. It was encouraging to see the help and support that the management had provided to their respective teams for participation. The presentations started with a message on Guru Purnima day by Shri. S.S. Patankar followed flawlessly as per schedule without interruption for three days, i.e. 23rd, 24th and 25th. The Winners and Runner-up teams from each category were selected on the basis of their marks for the prestigious trophies to be awarded. On 26th July a concluding session was held with the Jury's remark, Convener's guidance and Chairman & Director's address. After discussion with QCFI HQ Shri. K.B. Bharati, Chairman & Director in his address declared that, the Winner and Runner-up teams would be directly eligible to participate in the International Convention of Quality Concept to be held in November at

**1<sup>st</sup> Virtual Competition**  
on  
**KAIZEN, POKA - YOKE, SMED,  
LOW COST AUTOMATION (LCA)**  
On 16<sup>th</sup> & 17<sup>th</sup> July 2021

**KAIZEN**  
Kai = Change Zen = Good  
To make better

**POKA - YOKE**  
↓ Mistake ↓ Proofing

**SMED**  
Single Minute  
Exchange of  
Die & Mold

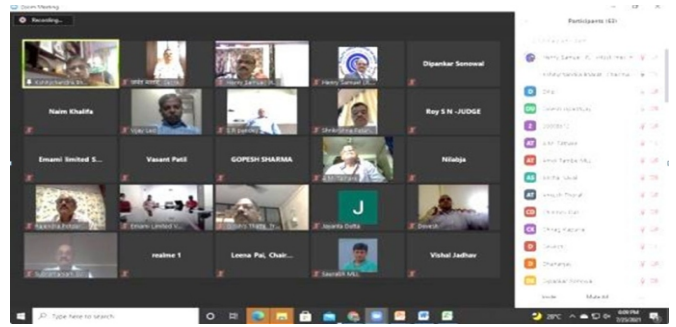
**LOW COST AUTOMATION**

Organized by  
**Quality Circle Forum of India,  
Mumbai Chapter  
&  
Thane District Sub Chapter**  
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Hyderabad, while all the Gold award winners will be eligible to participate in the National Convention on Quality Concept to be held in December at Coimbatore.



- Kaizen category winners and runners-up were Mahindra Logistics Limited (MLL), Adani Electricity Mumbai Limited, RCF, JSW STEEL LTD and TATA STEEL. Appreciation award to ITM Business School.
- Poka-Yoke category winner & runner-up was Schneider Electric India Pvt.Ltd.
- LCA category winner and runner-up were Mukand Ltd, Kalwa and Sewagram Cement Works Unit of UltraTech Cement Ltd.
- SMED category winner and runner-up were EAIC-VSW (L&T Vadodara) and Everest Industries Ltd.

The team formed for the competition felt that, it would be respectful and honor for the team and their organization to be presented their trophies and certificates physically at their work place, wherever possible, if invited by the organizations, following the new norms.

On 19th of August the trophies and certificates to the concerned teams at Rashtriya Chemical and Fertilizers Ltd. were awarded in their morning meeting at Suraksha Bhavan in the presence of Shri. Anil Mathur, Executive Director (Trombay) and others. The Management, participants and the coordinating teams were excited at the gesture.

In the morning hours of 20th August the winning teams at Adani Electricity Mumbai Limited - Transmission Business were awarded with trophies and certificates at their conference room at Borivali office by the hands of Shri. Arvind Kumar Sharma (CEO) in the presence of Shri. Mahesh Ambulekar (Head of Project), Shri. Dilip Devastale (Head of ONM) and Shri. Megushan Kulkarni. The management as well as the participants were really enthusiastic and showed their full support with all preparations, which was well coordinated by Ms. Priyanka. Mathane.

On 20th August In the evening the teams at Mukand Ltd, Kalwa, Thane were awarded with their trophies and certificates in their training institute hall at the hands of Shri. Prasad Menon (Chief of Manufacturing Operations) and Shri. Sunil Nair, (Chief of QMS, R&D). They were excited to have us at their premises. A presentation was made of the event and we had a good sharing time.

On 23rd August the team at JSW Steel Ltd Dolvi Works were awarded with trophies and Certificates in the presence of Mr Prakash Sappa, Head of Steel Division and Business Excellence Team. Same morning the



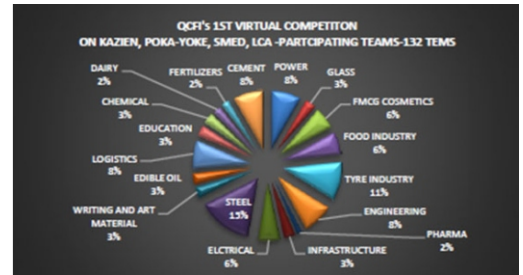


Special Appreciation award was also presented to Student Team from ITM Business School at Khargar in the presence of Dr Lakshmi Mohan, Director and other professors of the institutes.

All the trophies and certificates will be sent to respective organizations.

Some of the highlights:

1. Participating 131 Teams were from different Industry verticals,
2. Teams have adapted to new normal of virtual competition very smoothly
3. Happy to see that huge savings and benefits to organization in this Pandemic through these Kaizen, PokaYoke, SMED, LCA
4. Good focus on Loss elimination, Digitization, Low Cost Automation and Safety
5. Few teams have filled IDEA sheets properly but Majority need to understand the correct way of filling IDEA SHEET. QCFCI May plan to conduct in-house training workshops on filling IDEA SHEETS correctly



## 35TH ANNUAL GENERAL MEETING OF QCFCI MUMBAI CHAPTER FOR THE YEAR 2020-2021

QCFCI Mumbai Chapter organised its 35th Annual General Meeting virtually on 21st August 2021. The AGM started at 5.30 P.M. 34 members were present. The House paid homage to members of QCFCI Parivar - Dr. Bajrang Bangray, Sr. Faculty at QCFCI HQ, Mr. Ashok Ghadge, Vice Chairman, QCFCI Nagpur Chapter, Mr. Kuvarsing Rajput of Adani Group and GC member, Thane Dist. Sub Chapter, Dr. AN Saxena, Founder Director, QCFCI & Mr. AK Das Gupta of Kolkata Chapter by observing one-minute silence. Their support to QC Movement and contribution to spread the movement in organizations is unforgettable. Mr. KB Bharati, Chairman & Director, QCFCI also welcomed members and summarised 2020-2021 events & activities.

He announced that CCQC 2021 will be organised virtually, as last year, due to continued pandemic situation. He mentioned about GC Meetings and Disha programs being conducted in virtual format, CSR activities, painting competition, CCQC & AGM, getting Best chapter award at NCQC 2020. In the end he referred to QCFCI prestigious events like ICQCC and NCQC being organised in November and December 2021 at Hyderabad and Coimbatore, respectively. Mr. Jayant Malshe, Secretary, presented Annual Report of the Chapter for the year 2020-2021. The same was unanimously adopted and approved by the members. Mr. G.B. Thatte, Treasurer, presented highlights of Balance Sheet, Income & Expenditure Statements for the year 2020-2021 and answered queries by the members. The same were unanimously adopted and approved by the members. During the Open House forum, members raised queries. These were appropriately addressed by Chairman, Secretary and Treasurer. Members also proposed suggestions for the better and professional functioning of the Chapter. Mr. JS Malshe summarized the AGM proceedings and thanked all participants for attending and contributing to the AGM. Mr. SS Patankar, Vice Chairman, proposed vote of thanks to senior company representatives, QCFCI HQ officials, for their continued support, participants, CCQC 2020 and Kaizen competition juries, GC members of Mumbai and Thane Dist. Sub Chapters, Mumbai Chapter office staff for their support and for completing necessary documents for AGM, Mr. Potdar, Mr. Samuel for organizing CSR activities







## CHAPTER CONVENTION ON QUALITY CONCEPTS - 2021

QCFI Mumbai Chapter organised its 35th Annual Chapter Convention virtually from 25th to 29th September 2021. This year convention theme was: **“INVOLVING PEOPLE THROUGH QUALITY CONCEPTS TO MAKE INDIA GLOBAL LEADER”**. The Convention was inaugurated by Mr. Kush Shah, Global Quality Professional & Ex-Senior Manager, General Motors. The special invitees were QCFI President, Mr. Satish Kalokhe and Executive Director, Mr. D.K. Srivastava.

Mr. KB Bharati, Chairman & Director, QCFI welcomed Mr. Kush Shah, Mr. Satish Kalokhe, Mr. DK Srivastava, Governing Council members, Organisation's coordinators, judges, teams from different organisations, across the country, Anchors and Coordinators. In his welcome speech, he said despite of Covid pandemic, Mumbai Chapter organised lot of activities Training programs, Kaizen Competition, AGM, CSR, Disha programs, Painting competition, to name a few. He further said, intimacy and warmth of face to face interaction was absent with all members of QCFI Parivar because of Covid 19 pandemic. However, we could organise number of activities through virtual formats and continued association with our members' organisations.

Mr. DK Srivastava presented QCFI services and activities. He explained how after formation of QCFI in 1982, Forum has made inroads in various sectors of industries Manufacturing to service, frontline management, and development of villages through 5S programs. He elaborated QCFI unique plan **MISSION ONE LAKH MSMEs** for the benefit of MSMEs of India to strengthen Government of India's: “Make in India” initiative.

Mr. Satish Kalokhe appreciated excellent performance of the Mumbai & Thane Chapters and gave special kudos for remaining at number 1, and detailed how QCFI has provided various platforms to grass root level of employees in terms of motivation and self-development and demonstration of qualitative changes in different sectors of services. He also referred to QCFI plans of covering the managerial personnel through TQM philosophy

In his inaugural speech, Mr. Kush Shah reasoned **“Why Quality is Important”**? His short but effective and informative video on importance of Quality enriched the participants of the Convention. He described Quality in past as more of conformance, defects, deficiencies within specifications. Quality needs to be considered as a Goal to surpass customer expectations. He further explained seven strategies which worked for General Motors suppliers. He demonstrated that we have to pay high value of projects or missions due to ignorance of quality in small, small ways. He concluded his presentation with powerful message **“Knowing is not enough, application is”, “Willingness is not enough, doing is”** and assured support to make QCFI mission successful of making 1 lakh MSMEs.

Mr. Henry Samuel, Jt. Secretary, QCFI Mumbai Chapter anchored proceedings of the inaugural function. Mr. Jayant Malshe, Secretary, QCFI Mumbai Chapter proposed vote of thanks to all dignitaries, Governing Council members, teams from various organisations, judges, anchors and coordinators.

The inaugural function was followed by presentations in three halls, each hall having two judges, one Anchor and one coordinator. At the end of the day, Anchor of each hall proposed vote of thanks to judges,

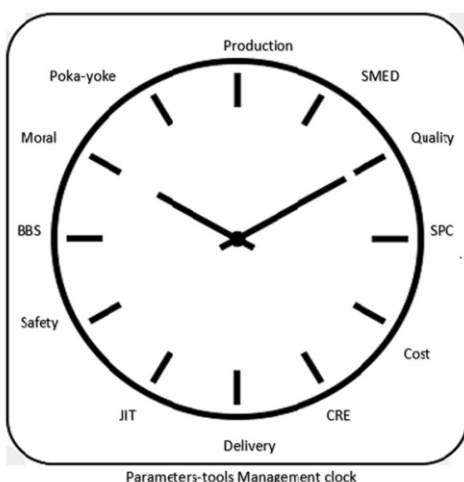


Governing Council members, coordinators, and presentation teams for successful and smooth sailing presentation program. It was a high-class demonstration of excellent team work and consistent efforts by all GC members, Secretaries, Chairmen and of course, QCFI Mumbai office staff.

In CCQC 2021, 168 Quality Circles teams, 68 Other Concepts teams participated. Earlier in Virtual Kaizen Competition 131 teams participated from different organisations, across the country. GC members from Mumbai and Thane Sub Chapter extended unstinted support in managing various activities of the Convention.

Mr. KB Bharati, Chairman & Director, QCFI thanked all the Governing Council members, judges, anchors and coordination for exemplary teamwork, discipline, and coordination. He also gave special thanks to office staff for giving back up support for communication with organisations, preparing final schedule etc.

## PARAMETERS-TOOLS MANGEMENT CLOCK



**Kishor Narewadi,**  
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As we are marching towards Industry 4.0, it is needed to update our product and process as world class. There are some world class Parameters & Tool which are used by world class companies.

As we created “Parameters- tools Management Clock”. It indicates the global parameters which are maintained by world class management companies. PQCDMS are the parameters maintained to calculate performance of product and process.

P= Production, Q= Quality, C= Cost, D= Delivery, S= Safety, M= Moral

These parameters are used in many world class manufacturing companies. PQCDMS to be improved by PDCA cycle. Our Guru Dr. Edward Deming given the gift of PDCA cycle. Plan Do Check and Act. In this clock we indicate 6 parameters. There are many tools thru which we can improve these parameters. In this clock we suggest a tool to improve the said performance.

First, we will discuss **PRODUCTION**. To improve productivity, we do use many tools like automation, digitization, kaizen etc. Here we indicate one as **SMED**- Single Minute Exchange of Die. In current situation there are many variants of our product. In machine shop we use many settings per parts/Machine. It takes





setting time. It may be minute, hour or day also. It is the one of the time losses of operator as well under utilization of machine. (Idle time). With the help of SMED we can reduce setting time & improve OEE- overall equipment efficiency.

Second parameter is **QUALITY**. To improve Quality, we use many tools like automation, digitization, kaizen, QC, to increase productivity. Here we indicate one as **SPC-Statistical Process Control**. In current situation there are different requirement of quality as per customer. In machine shop we use many quality tools to improve product & process quality. We can improve quality with the help of SPC. If our process is good, then our product also best. "Quality pays us, **if not we pay for quality.**"

Third, we will discuss **COST**. To improve cost of production, we do use many methods like digitization, MRP way of procurement, Kaizen, to sustain & reduce cost. Here we indicate one as **CRE- Cost Re-Engineering**. In current market there are many competitors for our product. It is the one waste eliminations as well as utilization of resources. With the help of CRE we can sustain in market. "COST to market & SPEED to market" are the buzz of business words.

Fourth **DELIVERY**- "Cost to market & Speed to market" are the keys words for success in market. To improve speed of our production to market, we do use many modes like MRP way of procurement, KANBAN, express delivery system etc. In current market scenario there are many competitors for our product. It is the one need of our product to make available in market as early as possible to eliminate stockout. With the help of **JIT-Just-In-Time** system, we can increase product availability in the market.

Fifth parameter is **SAFETY**. To improve safety of all, we use many tools like kaizen, LOTO, safety Training, Safety mock drill etc. In current global situation there requirement of safety first for customer & producer. In machine shop we use many safety systems to improve safety. **BBS- Behavioral Based Safety** is the model which improves safety behavior of our team. It is a reinforcement action taken by management to identify the immediate root causes of unsafe behavior and then apply corrective measures to reduce unsafe actions by employees.

Sixth parameter is **MORAL**. To improve moral of our team, we use many actions for Health & safety at workplace. Moral are the code of conduct, or rules of behavior imposed by ac society regarding, what is right and wrong. For people to be killed, or seriously injured, or suffer illness because of work is clearly wrong Moral and Ethical reasons. The proactive management of safety and health in workplace helps organization prevent injuries and ill-health at work. This guidance should help organization reduce personal loss because of accidents and ill-health at work.

**Pock-yoke** means full profiling. At work we use this methods and systems which prevent unforeseen things. Poka-yoke is the best tool to increase moral.

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