



**Brochure for 35<sup>th</sup> Chapter Convention on  
Quality Concepts - CCQC 2022  
QCFI Kolkata Chapter**

**Venue : Taj Bengal, Kolkata**

**Date : 27<sup>th</sup> September 2022**

**Theme: “Integrated Quality Concepts - The Gateway to Global  
Leadership”**



We cordially invite all the member organizations of QCFI across India, to participate in the Chapter Convention on Quality Concepts – CCQC 2022, organized by QCFI, Kolkata Chapter.

Project soft copy for Pre - Evaluation of Case Study along with the Register soft copy (only applicable for QC, QIT Teams) is to be sent through email to QCFI Kolkata Chapter for adjudging Quality Concept Case Studies tentatively within 17th September, 2022. Email reference is [gcfikolchapter@gmail.com](mailto:gcfikolchapter@gmail.com)

Project soft copy for Pre - Evaluation of Case Study is to be sent through email to QCFI Kolkata Chapter for adjudging Allied Concept Case Studies (LQC, LSC, Kaizen, WCM, Six Sigma, Poka Yoke, SMED, 5S, TPM, Business Excellence Model, SGA, SQC, SPC, CFT, SMT - Self Managing Team) tentatively within 17th September, 2022. For Allied Concept, soft copy of meeting register is not required. Email reference is [gcfikolchapter@gmail.com](mailto:gcfikolchapter@gmail.com)

In CCQC 2022, there will be also competitions on Posters, Poems, Slogans, Essays. Any paid participant can join in Poster, Poem, Slogan, Essay competitions. Soft copy of Poster, Poem, Slogan, Essay may please be sent to QCFI Kolkata Chapter through email tentatively within 7th of September, 2021. Theme of Poster, Poem, Slogan, is "INVOLVEMENT OF PEOPLE". Theme of Essay is Integrated Quality Concepts - The Gateway to Global Leadership.

We expect large participation from the Member Organizations and the selected Case Studies will have the opportunity to participate in NCQC 2022 tentatively scheduled in December 2022 at Aurangabad, Maharashtra.

### **PHYSICAL PARTICIPATION :**

- a) Rs.21,000/- only plus GST per QC Team (Up to 5 members participation)
- b) Rs.12,600/- only plus GST per Allied Concept Team (Up to 3 members participation)
- c) For each additional member participation in a QC Team beyond 5 members will attract an investment of further Rs.4,200/- only plus GST per person.
- d) For each additional member participation in a Allied Concept Team beyond 3 members will attract an investment of further Rs.4,200/- only plus GST per person.

- e) For each paid delegate (not included in any Team) will attract an investment of further Rs.4,200/- only plus GST per person.
- f) For Educational Institutions, 10% discount will be offered on Participation Fees as appropriate under a) / b) / c) / d/ e), as mentioned above.
- g) Team Registration and 100% Full Payment are to be made on or before 17<sup>th</sup> September 2022.
- h) All the delegates should carry documentary evidence of Double Doze Covid-19 Vaccination
- i) Membership Subscriptions have to be paid up to 31.03.2023

### **EVALUATION SYSTEM FOR QC PRESENTATION:**

- i) Pre Evaluation of Case Study = 60 Marks  
 ii) Record Book = 10 Marks  
 iii) Presentation = 30 Marks

### **EVALUATION SYSTEM FOR ALLIED CONCEPT PRESENTATION**

- i) Pre Evaluation of Case Study = 70 Marks  
 ii) Presentation = 30 Marks

### **QC CASE STUDY PRE-EVALUATION CRITERIA (STEP NO. 3 TO 12 ONLY)**

S No	Steps	Marks
1.	Identification of Problem	-
2.	Selection of the Problem	-
3.	<b>DEFINE THE PROBLEM</b>	<b>6</b>
4.	Analysis of the Problem	<b>6</b>
5.	Finding out causes	<b>6</b>
6.	Root Cause Analysis	<b>3</b>
7.	Data Analysis	<b>6</b>
8.	Development of solution	<b>6</b>
9.	Foreseeing Probable Resistance	<b>3</b>
10.	Trial Implementation and Check Performance	<b>12</b>
11.	Regular Implementation	<b>6</b>
12.	Follow – up Review	<b>6</b>
	<b>Total Marks</b>	<b>60</b>

**QC REGISTER PRE EVALUATION CRITERIA:**

S.No	Activity/Area	Marks
1.	General Information	2
2.	Project Information	1
3.	Attendance	1
4.	Meeting minutes – compare with milestone chart of case study	3
5.	Monitoring of meeting minutes (By Leader, HOD, Facilitator, Coordinator)	2
6.	Special Features	1
	<b>Total Marks</b>	<b>10</b>

**PRE-EVALUATION CRITERIA FOR ALLIED CONCEPT (DMAIC Method)**

S.No	Activity/Area	Marks
1.	Define the Problem	10
2.	Measure (Data collection/compilation)	15
3.	Analyze the problem	15
4.	Improve (Solution implementation)	20
5.	Control (Gains & Standardization)	10
	<b>Total Marks</b>	<b>70</b>

**Note:**

In case Allied Team has taken any specific problem on 5S and solved it, they must follow DMAIC Method and Evaluation will be done accordingly as mentioned above.

In case some unit / zone / zones / sub-zone / sub-zones has done excellent implementation of 5S and Management want to send the team for CCQC, case study will be evaluated as per following way :

**PRE EVALUATION CRITERIA FOR TOTAL IMPLMENETATION OF 5S**

	<u>MARKS</u>
<b>1. Initial efforts</b>	<b>10</b>
- 5-S organization Structure .....	2
- Initial Photographs .....	4
- Steps taken in zone / Sub Zone before going for 1S.....	4
<b>2. Activities of House Keeping</b>	<b>14</b>
- Implementation of 1S .....	8
- Implementation of 2S .....	3
- Implementation of 3S .....	3
<b>3. Implementation of 4S</b>	<b>6</b>
- Development of standard practices .....	3
- Follow-up of standard practices.....	3
<b>4. Audit System</b>	<b>10</b>
- Self audit system .....	4
- Management audit system .....	6
<b>5. Status of 5S Implementation</b>	<b>20</b>
- Before / After Photographs.....	4
- Tangible / intangible gains .....	8
- Status of Jagruti group .....	4
- Status of 5S Home .....	4
<b>6. Follow-up and review system</b>	<b>10</b>
- Management actions for sustenance and growth of 5S .....	6
- Special activities .....	4
<b>TOTAL MARKS .....</b>	<b>70</b>

**NOTE :**

For projects with any specific problem on 5S, DMAIC Methodology Criteria will be applicable.

**PRE - EVALUATION CRITERIA OF SIX SIGMA CASE STUDIES**  
**MARKS**

<b>1. DEFINE</b>	<b>10</b>
- Business Case / Voice of customer.....	3
- Project Charter .....	4
- SIPOC.....	3
<b>2. MEASURE</b>	<b>10</b>
- Performance measures.....	5
- Key Process Parameters .....	3
- Key Product Parameters .....	2
<b>3. ANALYSE</b>	<b>20</b>
- Identification of causes / Cause & Effect diagram.....	8
- Validation of causes .....	4
- Identification of root causes .....	4
- Data Collection Validation of root causes .....	4
<b>4. IMPROVE</b>	<b>20</b>
- Creative solutions .....	12
- Design of experiments / Hypothesis testing.....	8
<b>5. CONTROL</b>	<b>10</b>
- New / Updation of standards .....	4
- Results / benefits .....	6

**ORAL PRESENTATION CRITERIA FOR QUALITY CONCEPTS**

SL NO.	ACTIVITY / AREA	MARKS
1.	Sequence	5
2.	Communication Skills	5
3.	Time Management	5
4.	Special Effects	5
5.	Judge's Questions & Answers	10
	<b>TOTAL MARKS</b>	<b>30</b>



**Grades:**

Gold trophy shall be awarded for Quality Circles scoring 70% and above

Silver trophy shall be awarded for Quality Circles scoring minimum 60% but below 70%

Bronze trophy shall be awarded for Quality Circles scoring minimum 50% but below 60%

**Only Gold Awarded Teams will be recommended for NCQC 2022**

Eligibility - Only QCFI Member Organizations can participate

Case Studies should pertain to the period of July 2021 to September 2022. Case studies not pertaining to this period can also be presented provided they have not been presented at any Chapter / National Convention earlier.

**PAYMENT MODE :**

CCQC 2022 Participation Fees can be paid by any of the following three Payment Modes:

- I. Team Registration and 100% Full Payment are to be made on or before 17<sup>th</sup> September 2022.
- II. By A/c. Payee Cheque (At Par) in favour of "Quality Circle Forum of India, Kolkata Chapter."
- III. By Bank Draft to be drawn in favour of "Quality Circle Forum of India, Kolkata Chapter" payable at Kolkata
- IV. By NEFT / RTGS. Bank Details are given below :

a) NAME OF BANK	:	PUNJAB NATIONAL BANK
b) ADDRESS	:	135/136, B.R.B.B. Road Kolkata – 700 001.
c) Telephone	:	033-2231-4319/40305715
d) Bank A/c. No.	:	0090000100254016
e) Nature of A/c.	:	Savings A/c.
f) IFSC CODE	:	PUNB0009000
g) MICR Code	:	700024007

GSTIN	:	19AAAAQ0008P1ZG
PAN	:	AAAAQ0008P

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: **Organized by :**

**Quality Circle Forum of India**

Kolkata Chapter

C/o. The Association of Engineers, India

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Kolkata – 700 001

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**PLACES OF  
INTEREST IN  
AND AROUND  
KOLKATA**



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**HOWRAH BRIDGE**



**BELUR MATH**