

THEME:
"QUALITY CONCEPTS FOR ATMA NIRBHAR VIKSIT BHARAT"



Organized by
Quality Circle Forum of India
Bhubaneswar Chapter
in association with Silicon University



Venue:

Silicon University, near DLF cybercity Silicon hills, Patia, Bhubaneswar

Event: 13th and 14th September 2025



# INVITATION



Dear All,

I on behalf of Quality Circle forum of India Bhubaneswar extend warm invitation to all quality fraternity members to the 7th Chapter convention on Quality Concepts. CCQC 2025, being organized in physical mode, on 13<sup>th</sup> and 14<sup>th</sup> September 2025 at Silicon university, near DLF cybercity Info city, Bhubaneswar. The Quality Circle Convention would serve as a platform for sharing knowledge, experiences, and best practices in quality enhancement. We aim to foster a culture of continuous improvement and collaborative problem-solving within organizations. Your participation will not only contribute to the success of the convention but also provide valuable insights and inspiration for all quality aspirants.

This year's theme, "Quality Concepts for ATMA NIRBHAR VIKSIT BHARAT," resonates deeply with our national vision and corporate ethos. As we strive to be a key contributor to a self-reliant and developed India, the role of quality circles becomes more significant than ever. They are not mere forums for problem-solving, but also the driving engines of grassroots innovation, empowering workforce to lead transformation at all workplaces.

Together, let us reinforce our commitment to continuous improvement, operational excellence, and nation-building. I am confident that the ideas and initiatives emerging from this convention will not only strengthen our processes but also make a meaningful contribution to the vision of Viksit Bharat 2047.

We look forward to welcome you to an inspiring and impactful congregation of industry leaders, professionals, and enthusiasts to celebrate augmentation of employee involvement, work life enrichment through QC, kaizen and other allied concepts.

S.S Mohanty Chairman QCFI Bhubaneswar





# IN ASSOCIATION WITH OUR PARTNER-SILICON UNIVERSITY

Silicon Tech, the engineering institute of Silicon University, is a thriving ecosystem of learning, innovation, and research. More than 2500 undergraduate and postgraduate students gain skills to invent, start a business, or take on tech-leadership roles. Since its inception in 2001, Silicon has embraced modern technology and innovative techniques to evolve its ecosystem.

Silicon has won numerous awards for its distinguished contributions in the field of education, research and entrepreneurship. It has been accredited by NAAC with a Grade A and has NBA accreditation for three UG programs of CSE, EEE, and ECE. Silicon has been ranked in the top 200 Engineering Institutes in India for three consecutive years by NIRF, with a latest rank of 161.











# **OBJECTIVE OF CCQC-2025**

To provide a forum for interaction and exchange of knowledge on Quality concepts

Encourage the spirit of competition, teamwork and continuous improvement to gain

To select and recommend the worthy case studies for the 39th National convention on Quality Concepts (NCQC-2025)

To exchange ideas, learn and explain the achievements

sustain high team motivational standards and results To give an opportunity to display creative talents through competitions in Essay , Slogan, Poem & Skit

### WHO SHOULD PARTICIPATE?

- 1. Teams from QC & Allied concepts
- 2. Organizations including MSMEs who wish to introduce QC &

other concepts

- 3. Potential Practitioners & Life members
- 4. Students & Staff from Educational Institutions



### 1. CASE STUDY PRESENTATION

Case studies nominated by various organizations will be considered in CCQC-2025. Those case studies which will be adjudged as gold award winners can further participate in NCQC-2025.

However case study report to be sent in soft copy through mail for pre-evaluation. Participating circles need to bring presentation slides in ppt at the time of convention

Online presentation will not be allowed. The official language of presentation shall be English, Hindi or Odia. The marking criteria would be different for different concepts.

#### **NOTE:**

In order to support green initiative, QCFI, Bhubaneswar chapter has decided to stop recieving hard copies of case studies for pre-evaluation. Interested teams are requested to email the case studies to Mr. Ram Shankar Das (ramkgp83@gmail.com) and Mr. Bibhudutta Mishra(qcfibhubaneswarchapter@gmail.com).

Other option is to send through CD's/Pendrive/Drive links. The size of case study PDF should be below 25 MB







# CASE STUDY PRESENTATION WILL BE IN THE FOLLOWING CATEGORY



A) QUALITY CIRCLE CONCEPTS

### **B) ALLIED QUALITY CONCEPTS LIKE**

- FIVE-S.
- KAIZEN
- QUALITY IMPROVEMENT TEAM(QIT),
- POKA YOKE CONCEPT,



- TPM CIRCLE,
- LEAN QUALITY CIRCLE(LQC)
- INTEGRATED SAFETY CIRCLE(ISC),
- WCM CIRCLE,
- SIX SIGMA CONCEPT,
- HEALTH, SAFETY & ENVIRONMENT (HSE),
- HR CASE STUDY AND ANY TEAM CONCEPT





ALL CASE STUDIES TO BE RECIEVED BY 25<sup>th</sup> AUG 2025 FOR PREVALUATION







#### 2. KNOWLEDGE TEST

FOR QUALITY CIRCLE, FIVE-S, LEAN QUALITY CIRCLES AND TEAMS OF ALLIED CONCEPTS KT(KNOWLEDGE TEST) IS COMPULSORY FOR THIS CONVENTION (AS IT IS MANDATORY FOR NCQC AND CARRIES 50 MARKS IN THE EVALUATION CRITERIA).

KNOWLEDGE TEST PAPER COMPRISES OF 25 OBJECTIVE TYPE QUESTIONS, TOTAL 50 MARKS FOR DURATION OF 20 MINUTES. PLEASE NOTE THAT THE MARKS OF KNOWLEDGE TEST WILL NOT BE ADDED WHILE WORKING OUT THE RESULTS. HOWEVER THE MARKS WOULD BE INTIMATED TO THE MANAGEMENT TEAM/FACILITATOR OF THE ORGANISATION FOR IMPROVEMENT

#### **KEY HIGHLIGHTS**

THE TEAMS PARTICIPATING FOR THE FIRST TIME IN QCFI, BHUBANESWAR CONVENTION ON QUALITY CONCEPTS HAVE TO INDICATE THE SAME IN THEIR INTRODUCTORY SLIDE AS WELL AS REGISTRATION FORM.

THE BEST QC/ALLIED CASE STUDY PRESENTATION OUT OF FIRST TIME PRESENTATIONS WILL BE AWARDED "NAVJYOTI TROPHY".

THE BEST PERFORMING TEAM UNDER EACH CATEGORY IN KNOWLEDGE TEST WOULD BE GIVEN THE "GYANDHARA TROPHY"

THE BEST TEAM OF THE CONVENTION WOULD BE AWARDED "SHRESTHA AWARD" FOR QC & ALLIED CONCEPT TEAMS.

### 3. POSTERS, ESSAY, SLOGANS & POEM COMPETITION

CONVENTION THEME WILL BE THE TOPIC FOR THE POSTERS, ESSAY, SLOGAN AND POEM COMPETITION AND LANGUAGE MAY BE IN HINDI/ENGLISH. MAXIMUM WORD LIMIT FOR ESSAY IS 500 WORDS.

QC & ALLIED MEMBERS CAN PARTICIPATE IN POSTERS/ SLOGAN AND POEM CONTEST SELECTION WILL BE AT THE SOLE DISCRETION OF EVALUATION COMMITTEE AND THEIR DECISION WILL BE FINAL.



### 4. HOME KAIZEN & HOME 5S

To encourage QCFI members, homemakers, members from educational Institutes we have introduced Home Kaizen, School Kaizens, Society Kaizens and Home 5S/Society 5S this time in the convention to enable members to participate as individuals /or in teams (Maximum team Size of 2 members).

This KAIZEN OR 5S projects may focus oN areas of residence, apartments, school, Library room, Classroom, common areas like gardens, Parks, toilets, canteen etc. Evaluation shall be done based on maximum two pages description consisting of problem, root cause, solution implemented, before and after photos, result and standardization. The details need to be sent to Mr.Bibhudutta Mishra(qcfibhubaneswarchapter@gmail.com) by 25th August 2025.

The participants will be presented certificates and recognized suitably. To encourage participation from schools and colleges discounted participation fee is applicable.





### 5.MODEL COMPETITIONS

The objective of the model presentation competition is to recognize the creativity, skill, enthusiasm and efforts of the quality circle and allied concept teams to display the improvement solution for the ease of understanding. This competition is free and doesn't require any participation fee and will be open for all presenting teams presenting case studies on any quality concepts.

Team desirous of participating in this competition should indicate the same while sending entries vide registration form for the convention of the chapter. Advanced information is required by 25<sup>th</sup> August 2025 to provide essential facilities. The model should be relevant to their case study to be presented at CCQC-2025.

The models should be designed and made by team members themselves and not bought out from professionals. A separate location shall be provided for display of all models on 14<sup>th</sup> September 2025 with at least two members present to explain the model. A signboard/Banner should be displayed showing the team name, organization and the theme of the project





BEST THREE MODELS WILL BE AWARDED IN THE CONVENTION AND ALL THE PARTICIPATING TEAMS WOULD GET PARTICIPATION CERTIFICATES



SI No	Evaluation criteria for CCQC - 2025	QC CIRCLE	ALLIED CIRCLE
1	Prevaluation of case study		
2	QC Register		
3	Case study Presentation		
	TOTAL MARKS		

SL. No.	Evaluation criteria :: Oral Presentation for QC & Allied concepts (Including QIT)	Total Marks
1	Sequence, Clarity, Team participation, Smooth change over from one speaker to other	5
2	Communication Skills	5
3	Time Management	5
4	Special Effects	5
5	Judge's Question & Answers	10
	Total Marks	30

SL. No.	Evaluation criteria :: Quality Circles' Register	Total 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 HOD, Coordinator, Facilitator)	2
6	Special Features	1
	Total Marks	10



#### **MODEL EVALUATION CRITERIA**

• RELEVANCE WITH PROJECT PRESENTED - 5 MARKS

• CREATIVITY, DESIGN & DISPLAY - 20 MARKS

• USE OF SCRAP FOR MODEL CREATION - 5 MARKS

• SKILL IN EXPLAINING - 10 MARKS

• MOVING/DYNAMIC MODEL - 10 MARKS

TOTAL - 50 MARKS

SL. No.	Pre-Evaluation Criteria:: Quality Circles Case Study	Total Marks			
1	Identification of Problems (Unsolved>50)				
2	Selection of problem				
2	A, B, C Categorization & Prioritization	6			
	Define the problem	ь			
3	stone chart, Flow / Pictorial diagram of the process,				
,	Description of problem with suitable diagram				
	Objectives, Goal / Target				
4	Analysis of the Problem	- 6			
-	Required data / verbal data for 4W+1H & its impact on Quality, Productivity, Cost etc.	Ů			
	Find out probable causes and root causes				
5	Circles up to 2 years old, may use Dispersion analysis but old circles to use other types of CED with all possible sub causes	6			
	With proper headers, Marking / Listing the probable root causes				
6	Root Cause Analysis (Validation of root causes)	3			
•	By using an appropriate method for validation				
7	Data analysis				
	Collection of appropriate data for validated root causes and Pareto diagram	- 8			
8	Development of solution	8			
0	Min. No. of Alternate solutions developed = 5 & Validation	·			
9	Foreseeing Probable resistance	3			
9	Min. No. of probable resistances with solutions = 5	3			
10	Trial Implementation & Check Performance	8			
10	Use of PDCA, Trial implementation & Check performance	0			
11	Regular Implementation	6			
11	Present status, Overall gains - Tangible & Intangible	ь			
12	Follow up & Review	6			
12	Follow-up system developed & Review results				
	Grand Total Marks	60			

SL. No.	Evaluation criteria :: 5-S, Kaizen, TPM, LQC, QIT, Poka-Yoke, SMED, WCM, TQM& Benchmarking (Circles can adopt DMAIC methodology also for all Allied concepts)	Total Marks		
	Define the problem			
1	Milestone chart proposed, Flow diagram / Pictorial diagram of the process,	10		
	Description of problem with suitable diagram, Objectives, Goals / Target			
	Measure (Data collection / compilation)			
2	4W+1H / Data collection for key parameters	15		
	It's subsequent impact on quality, productivity, cost etc.			
	Analyze the problem			
3	Identification of causes, Develop suitable CED with all sub causes	15		
	Validation of causes, data collection, Root cause analysis			
	Improve (Solution Implementation)			
4	Solution search, PDCA	20		
7	Trial implementation, Check performance	20		
	Regular implementation, Performance status			
	Control (Gains & Standardization)			
5	Gains – Tangible & intangible	10		
	Follow-up system developed – New / Updation			
	Review results			
	Total Marks	70		





SL. No.	Evaluation criteria for Six sigma Case studies	Total Marks				
	DEFINE					
1	Business Case / Voice of customer	10				
'	Project charter	"				
	SIPOC					
	MEASURE					
2	Performance measure	10				
_	Key Process parameters					
	Key Product parameters					
	ANALYZE					
3	Identification of causes / C&E diagram	20				
3	Validation of causes / Identification of root causes					
	Data collection / Validation of root causes	1				
4	IMPROVE	20				
4	Creative solutions & Design of Experiments / Hypothesis testing	20				
	CONTROL					
5	New / Updation of standards	10				
	Results/ Benefits					
	Total Marks	70				

SL. No.	Evaluation Criteria for 5S	Total Marks		
	Initial efforts			
1	5S organization structure	10		
1	Initial photographs	10		
	Steps were taken in zone / sub-zone before going for 1S			
	Activities of Housekeeping			
2	Implementation of 1st S	15		
	Implementation of 2 <sup>nd</sup> S	15		
	Implementation of 3 <sup>rd</sup> S			
3	Implementation of 4 <sup>th</sup> S	10		
3	Development of standard practices & Follow-up of standard practices	10		
4	Audit system	10		
	Self Audit system / Management Audit system	10		
	Status of 5S Implementation			
5	Before/After Photographs	15		
3	Tangible/Intangible gains	15		
	Status of Jagruti groups & Status of 5S home			
	Follow up and Review system			
6	Management actions for sustenance & growth of 5S	10		
	Special activities			
	Total Marks	70		



### **Evaluation Criteria for Integrated Safety Circle**

Stone	Description		Max Marks(70)		
Steps	Description	Lead	Lag		
Step 1	Identification of Hazard / Risk (Every Hazard/ Risk identified will get 0.4 marks).	25	25		
Step la	Unsafe act with Name and Personal Id number (who did the violation) and condition reported should be supported with before and after photographs. Use of risk rating matrix to calculate the risk and to be written against each hazard identified. All the above should be validated by Facilitator and approved by HOD	20	20		
Step 1b	OBS=UA/(UA+UC)>= 75%= 5 Marks OBS= 50% <=UA/(UA+UC)< 75%=3 Marks OBS=25% <=UA/(UA+UC)< 50% = 2marks OBS= UA/(UA+UC)< 25%=1 mark OBS= UA/(UA+UC)< 5% =0Marks	5	5		
Step 2(Define)	Defining and selection of Problem	8	8		
	Gannt Chart or Mile stone Chart	2	2		
	Define the problem with the help of Flow Diagram / Pictorial depiction	6	6		
Step 3(Measure)	Measure by ascertain the facts(Human Physical and systemi c) and 4W+1H	21	18		
	a) Physical	4	4		
	b) Human	4	4		
	c) Systemic	4	4		
	d) Approach for accertaining facts	2	2		
	e) 4W+1H	4	4		
	F) Develop the chronology	3	0		
Step 4(Analyze)	Analysis	26	26		
	a) Physical	5	5		
	b)Human	5	5		
	c) Systemic	5	5		
	Approach and logic to find the root cause (systemic ) with the help of tree diagram and fish bone diagram	5	5		
	Validation of root cause	6	6		
Step 5(IMprove)	Developing solution and Recommendation	11	14		
	Record and communicate (After approval grant)	3	5		
	Implement and review	2	2		
	a) use of PDCA cycle	2	2		
	b) Comparative milestone chart	2	2		
	c) Assess Gains	2	3		
Step 6 Control	Control(Follow up review, training, checklist, comparative milestone, standardistaion and documentation	9	9		
	Full Marks	100	100		





### **FEE STRUCTURE**

SI No	Team categories	Permanent Members	Annual Members			
1	Quality Circles					
	*Per team(5 Members+1 Facilitator/coordinator)	+1 Facilitator/coordinator) INR 21000/-per team INR 24000/- per te				
	*Per additional member	INR 3500/- INR 4000				
2	Allied Concepts					
	* Per team( max 3 members)	INR 10500/- per team	INR 12000/-per team			
3	Delegates(not participating in any team)					
	Per delegate	INR 3500/-	INR 4000			
4	School/College/Life member	INR 500/- p	er member			
5	MSME organisations	INR 2000 per member				
6	6 Home makers 5S /kaizen and Model Display Free					
	Please add GST 18% on the registration fee payable					

- 1.The last date of registration is 25.08.2025. Organizations are requested to participate with good number of teams to avail discount on participation of 6 or more teams. The discount scheme which will be elaborated in the invoice to nominating authority.
- 2. Payment through Demand Draft / at par Cheque / NEFT / RTGS should be made in favour of "Quality Circle Forum of India, BHUBANESWAR Chapter" payable at BHUBANESWAR and payment details Emailed along with the duly filled in Registration form and detailed case study report in the WORD or PDF format sent through e-mail.
- 3. Participation shall be allowed only after payment of registration fee and submission of case study on or before last registration date.
- 4. Payment must be made within 30 days of the issue date of the invoice.
- 5. Once invoice is raised, it shall not be changed. Please ensure the no. of teams /no. of participants mentioned is correct before sending. It is very important.
- 6. Payment may also be made online. Scan copy of payment made, to be shared on email-ramkgp83@gmail.com
- 7. Bank Details:

Name of the Bank: - State Bank of India (IDCO Tower Branch,

**Bhubaneswar**)

Account No. - 37839663155

IFSC /RTGS code: - SBIN0007891

PAN: -AAAAQ0008P

GSTIN: - 21AAAAQ0008P2ZU



## **GENERAL INFORMATION**

#### **AWARDS TO BE PRESENTED:**

1.Successful teams shall be adjudged as Bronze, Silver & Gold

a. 60% - less than 65%: Bronze award b. 65% - less than 70%: Silver award

c. 70% & above: Gold award







- 2. For better performance in NCQC all should improve their case study writing and knowledge test performance. QCFI Bhubaneswar would handhold for same upon request from organisations.
- 3. The best QC Case Study presentation out of First Time Presentations will be awarded "NAVJYOTI TROPHY".
- 4.The best PERFORMING team in knowledge test would be given the "GYANDHARA TROPHY"
- 5.The BEST TEAM OF THE CONVENTION WOULD BE AWARDED "SHRESTHA AWARD" for QC & allied concept.
- 6. E-Certificates shall be given to the winners of essay/Slogan/Poem/SKIT/Knowledge Test/Home makers' 5S / Kaizen or Model or Kaizen display (who score 70% or more marks).

#### **OVERALL COORDINATION**

#### **MR.RAM SHANKAR DAS**

PHONE: +91-9348665311, 9437069347 (M)

 ${\bf EMAIL\text{-}qcfibhubaneswarchapter@gmail.com}$ 

RAMKGP83@GMAIL.COM

REGISTRATION OF TEAMS & CASE STUDIES/ RECORDS/POEM/ESSAY/SLOGAN/

POSTER/MODEL COMPETITION/KAIZEN COMPETITION

**MR.BIBHUDUTTA MISHRA** 

CONTACT-+91-9437314864(R)/9938250053(O)

qcfibhubaneswarchapter@gmail.com

**EVENT MANAGEMENT OVERALL PLANNING** 

MR.SATYAWAN NAYAK

**CONTACT NO-+91-8770167680** 

**HEAD OF ADMIN SUPPORT** 

DR.SANJIT SWAIN -SILICON UNIVERSITY CONTACT NO-9437284114

FINANCE:

MR. S C SAMAL, TREASURER PHONE:+91-94370 25766,

**SCHEDULE** 

Day1: 13.09.2025

(Saturday-4:00PM to 6:00PM)Registration and presentation as per Day 1 Schedule.

Day 2:14.09.2025

(Sunday-8:30am to 6:30 PM)
Inauguration, declaration of Dayl result, continuation of presentation as per day 2 schedule and Valedictory session

FOR ALL ENQUIRIES CONNECTED WITH CASE STUDY SUBMISSION AND PARTICIPATION, PLEASE CONTACT

### **QUALITY CIRCLE FORUM OF INDIA, BHUBANESWAR**

MR. R.S.DAS SECRETARY, QCFI, BHUBANESWAR PHONE: 9348665311, 9437069347, 9437314864 email-qcfibhubaneswarchapter@gmail.com



### **WELCOME TO ODISHA**



**JAGANATH PURI DHAM, 69.4 kms from Silicon** 



KHANDAGIRI & UDAYGIRI CAVES, 16 kms from Silicon



**LINGARAJ TEMPLE, 16.1 kms from Silicon** 



**DHAULI SHANTI STUPA, 22.1 kms from Silicon** 



**SUN TEMPLE KONARK, 74.6 kms from Silicon** 



**REGIONAL MUSEUM, 8.6 kms from Silicon** 



ment her to the total

# FORM 1-ORGANISATIONAL REGISTRATION

QUALITY CIRCLE FORUM OF INDIA  Bhubaneswar Chapter  Registration (Organisational Profile)  CCQC-2025 (Theme: Quality Concepts for ATMA NIRBHAR VIKSIT BHARAT)  From 13th and 14th September 2025  Form-1  To,  Mt. Ram, Shankar Das The Hon, Secretary Quality Circle Forum of India Bhubaneswar Chapter						
1	Name of the Organisation					
2	Full Address					
3	GST Registration Number					
4	Name of the Organisational Head					
	Phone No./Email*					
	Name of Contact Person					
	Designation					
	Mobile Number					
	Alternate Number*					
5	Email address					
6	Institutional Membership	No.: Valid up to:				
S. No.	Name of the Team Participating	Category: Quality Circle/ LQC/Allied/5-S/Model Display				
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
	* Optional  This form needs to be filled correctly so that there is no error on certificate  Authorised Signatory (with					
Date:		company seal)				



https://jindalstainless0my.sharepoint.com/:x:/g/personal/bi bhudutta\_mishra\_jindalstainless\_c om/EcDJsHFcCWpBnjtXwuHVXEB7MQ-zESuGTUXC8all0-ufQ? e=iNJzE7

# **FORM 2-TEAM REGISTRATION**

### QUALITY CIRCLE FORUM OF INDIA

**Bhubaneswar Chapter** 

7th Chapter Convention on Quality Concepts-2025

Theme: Quality Concepts for ATMA NIRBAR VIKSIT BHARAT

Event from 13th to 14th September 2025

Form-2 (Team Registration form)

Name o	Name of the Organisation							
Team No.	Team Name	Concept	Name of the Participants	Position in Team	KT	Title of the Project	e-mail Id	Contact No
1							-	
2							-	
3								
							_	

