# 8th CHAPTER CONVENTION ON QUALITY CONCEPTS-2026

**THEME:**

**"LEADING WITH QUALITY FOR SUSTAINABLE GROWTH AND SELF-RELIANCE"**

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

**Venue:**
Siksha O Anusandhan
Deemed to be university, Campus 2
Near Sum Ultimate , K/8
Kalinga Nagar,
Bhubaneswar - 751030
Odisha, India

**Event : 26th and 27th September 2026**

# INVITATION

Dear All,

I on behalf of Quality Circle forum of India Bhubaneswar extend warm invitation to all quality fraternity members to the 8th Chapter convention on Quality Concepts. CCQC 2026, being organized in physical mode, on 26th and 27th September 2026 at SOA university, Khandagiri, 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, **"Leading with Quality for Sustainable Growth and Self-Reliance"**" Leading with Quality for Sustainable Growth and Self-Reliance means building a strong culture of excellence through continuous improvement, innovation, and adherence to robust quality systems. By focusing on quality in every process, organizations can enhance efficiency, reduce waste, optimize resources, and deliver superior value to customers. This approach not only supports sustainable business growth but also strengthens operational resilience and self-reliance by developing internal capabilities, fostering accountability, and enabling long-term competitiveness in a dynamic business environment.

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

LEADING WITH QUALITY FOR SUSTAINABLE GROWTH AND SELF-RELIANCE

# IN COLLABORATION WITH SOA UNIVERSITY

**Siksha 'O' Anusandhan Deemed to be University (SOA), Bhubaneswar, since its inception in 2007 has been at the forefront of nourishing a learning ambience, encouraging academic research and innovations, and developing well qualified people in all domains.**

**The University is offering professional programs in the disciplines of Basic Sciences, Engineering, Medical Sciences, Pharmaceutical Sciences, Management, Law, Agricultural & Agricultural Management Practice (AMP) & Veterinary Sciences. It has been accredited by NAAC (3rd Cycle) with 'A++' Grade and has been ranked as 15th best University in the country by NIRF India Rankings 2025.**

**It has also been ranked 22nd in Engineering, 15th in Medical Science, 9th in Dental Science, 49th in the Research Category and 66th in the Management Category and 10th in Law Categories by NIRF India Rankings 2025.**

# OBJECTIVE OF CCQC-2026

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

To exchange ideas, learn and explain the achievements

To select and recommend the worthy case studies for the 39th National convention on Quality Concepts (NCQC-2026)

sustain high team motivational standards and results

## 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

# DETAILS OF EVENTS

## 1. CASE STUDY PRESENTATION

**Case studies nominated by various organizations will be considered in CCQC-2026. Those case studies which will be adjudged as gold award winners can further participate in NCQC-2026.**

**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(QC)**

**B)ALLIED QUALITY CONCEPTS LIKE**

- FIVE-S(5S)
- KAIZEN
- QUALITY IMPROVEMENT TEAM(QIT),
- POKA YOKE CONCEPT,
- SMED (SINGLE MINUTE EXCHANGE OF DIES),
- TPM CIRCLE,
- LEAN QUALITY CIRCLE(LQC)
- INTEGRATED SAFETY CIRCLE(ISC),
- WCM CIRCLE,
- SIX SIGMA CONCEPT,
- OTHER QUALITY CONCEPTS

# DETAILS OF EVENTS

## 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 COMPETITION**

**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.**

# DETAILS OF EVENTS

## 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 2026 .**

**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 Quality Circles and Allied Quality Concept teams to display the improvement/solution for ease of understanding . This competition is FREE of participation fee and will be open for all teams presenting case studies on any Quality Concept including Quality Circle.**

| MODEL EVALUATION CRITERIA | |
|---|---|
| Criteria | Marks |
| 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 |

# DETAILS OF EVENTS

**The team desirous of participating in thE MODEL competition should indicate the same while sending their entry vide registration form for the convention of the chapter. Advanced information is required to provide essential facilities. The model should be relevant to their case study to be presented at CCQC-2026. 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 the 27th September 2026 At least two members should be present to explain the model.**

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

# EVALUATION CRITERIA

| S.No | Activity | Marks |
|---|---|---|
| 1 | (a)Pre- evaluation of QC Case Studies | 100 |
| | (b)Pre- evaluation of Allied concept Case Studies | 100 |
| 2 | QC Case study Oral presentation | 50 |
| 3 | Knowledge Test (for both qc and allied concepts)-Marks not to be included for performance evaluation. Participation is mandatory | 50 |
| | **Grand Total** | **200** |

| Sl no | Criteria for Oral presentation evaluation | Marks |
|---|---|---|
| 1 | Sequence, Clarity, team participation and smooth changeover from one speaker to another | 10 |
| 2 | Communication skills | 10 |
| 3 | Time management | 10 |
| 4 | Special effects | 10 |
| 5 | Judges question and answer | 10 |
| | Total Marks | 50 |

# EVALUATION CRITERIA

| Quality Circle Forum of India, Bhubaneswar Chapter | | |
|---|---|---|
| Sl | **Pre-Evaluation Criteria: Quality Circles Case Study** | **Total Marks** |
| 1 | **Identification of Problems (Unsolved >50)** | 5 |
| 2 | **Selection of problem** | 5 |
| | A, B, C Categorization & Prioritization | |
| 3 | **Define the problem (up to this)** | 10 |
| | Milestone chart, Flow / Pictorial diagram of process, | |
| | Description of problem with suitable diagram | |
| | Objectives, Goal /Target | |
| 4 | **Analysis of the Problem** | 10 |
| | Required data/verbal data for 4W+1H & its impact on Quality, Productivity, Cost etc. | |
| 5 | **Find out probable causes and root causes** | 10 |
| | Circles up to 2 years old, may use Dispersion analysis but Old circles to use other type of C&E diagram with all possible sub-sub causes | |
| | With proper headers, Marking/Listing the probable root causes | |
| 6 | **Root Cause Analysis (Validation of root causes)** | 5 |
| | By using appropriate method for validation | |
| 7 | **Data analysis on root cause** | 5 |
| | Collection of appropriate data for validated root causes and Pareto diagram | |
| 8 | **Development of solution** | 5 |
| | Min. No. of Alternate solutions developed = 5 & Validation | |
| 9 | **Foreseeing Probable resistance** | 5 |
| | Min. No. of probable resistances with solutions = 5 | |
| 10 | **Trial Implementation & Check Performance** | 20 |
| | Use of PDCA, Trial implementation & Check performance | |
| 11 | **Regular Implementation** | 10 |
| | Present status, Overall gains – Tangible & Intangible | |
| 12 | **Follow up & Review** | 10 |
| | Follow up system developed & Review results | |
| | ***Grand Total Marks*** | ***100*** |

# EVALUATION CRITERIA

| Quality Circle Forum of India, Bhubaneswar Chapter | | |
|---|---|---|
| sl | **Pre-evaluation Criteria Allied Concepts**<br>**5-S, Kaizen, TPM, LQC, QIT, Poka-Yoke, SMED & Benchmarking.**<br>**(Circles can adopt DMAIC methodology also for all Allied concepts)** | **Total Marks** |
| 1 | **Define the problem** | 15 |
| | Milestone chart proposed, Flow diagram/Pictorial diagram of process, | |
| | Description of problem with suitable diagram, Objectives, Goals / Target | |
| 2 | **Measure (Data collection / compilation)** | 15 |
| | 4W+1H / Data collection for key parameters | |
| | its subsequent impact on quality, productivity, cost etc. | |
| 3 | **Analyze the problem** | 20 |
| | Identification of causes, Develop suitable C& E Diagram with all sub-sub causes | |
| | Validation of causes, data collection, Root cause analysis | |
| 4 | **Improve (Solution Implementation)** | 25 |
| | Solution search, PDCA | |
| | Trial implementation, Check performance | |
| | Regular implementation, Performance status | |
| 5 | **Control (Gains & Standardization)** | 25 |
| | Gains – Tangible & intangible | |
| | Follow up system developed – New / Updating | |
| | Review results | |
| | **Total Marks** | 100 |

| Quality Circle Forum of India, Bhubaneswar Chapter | | |
|---|---|---|
| **Please note:**<br>** *Incase a team has taken up any specific problem on 5S, they need to follow DMAIC methodology by DMAIC method and evaluation will be done accordingly.*<br>** *But if a team is from already 5S implemented unit/zone/sub -zone, they need to follow the procedure as given below and evaluated accordingly.* | | |
| **SL. No.** | **5S / Problem solving steps** | **Total Marks** |
| 1 | **Initial efforts** | 15 |
| | 5S organization structure | |
| | Initial photographs | |
| | Steps taken in zone/sub-zone before going for 1S | |
| 2 | **Activities of house keeping** | 15 |
| | Implementation of 1st S | |
| | Implementation of 2nd S | |
| | Implementation of 3rd S | |
| 3 | **Implementation of 4th S** | 15 |
| | Development of standard practices | |
| | Follow up of standard practices | |
| 4 | **Audit system** | 15 |
| | Self Audit system | |
| | Management Audit system | |
| 5 | **Status of 5S Implementation** | 20 |
| | Before / After Photographs | |
| | Tangible / Intangible gains | |
| | Status of Jagruti groups | |
| | Status of 5S home | |
| 6 | **Follow up and Review system** | 20 |
| | Management actions for sustenance & growth of 5S | |
| | Special activities | |
| | **Total Marks** | 100 |

# EVALUATION CRITERIA

| Quality Circle Forum of India, Bhubaneswar Chapter | | |
|---|---|---|
| SL. No. | SIX SIGMA PROBLEM SOLVING STEPS | Total Marks |
| 1 | **DEFINE** | 15 |
| | Business Case / Voice of customer | |
| | Project charter | |
| | SIPOC | |
| 2 | **MEASURE** | 15 |
| | Performance measure | |
| | Key Process parameters | |
| | Key Product parameters | |
| 3 | **ANALYZE** | 20 |
| | Identification of causes/C&E diagram | |
| | Validation of causes | |
| | Identification of root causes | |
| | Data collection / Validation of root causes | |
| 4 | **IMPROVE** | 25 |
| | Creative solutions | |
| | Design of Experiments / Hypothesis testing | |
| 5 | **CONTROL** | 25 |
| | New / Updation of standards | |
| | Results / Benefits | |
| | **Total Marks** | 100 |

# EVALUATION CRITERIA

| Steps | INTEGRATED SAFETY CIRCLE CRITERIA | Max marks(100) | |
|---|---|---|---|
| | | Lead | Lag |
| **Step 1** | **Identification of Hazard / Risk (Every Hazard/ Risk identified will get 0.4 marks).** | **25** | **25** |
| **Step 1a** | 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<br>OBS= 50% <=UA/(UA+UC)< 75%=3 Marks<br>OBS=25% <=UA/(UA+UC)< 50% = 2marks<br>OBS= UA/(UA+UC)< 25%=1 mark<br>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)** | Measuring by acertaining the facts( Human, physical and systemic factors with 4W and 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

| Sl No. | Team Categories | Permanent Members | Annual Members |
|---|---|---|---|
| 1 | Quality Circles | | |
| | *Per team(5 Members+ 1 Facilitator/coordinator) | INR 22,800/- per team | INR 25,800/- per team |
| | *Per additional member | INR 3,800/ | INR 4,300/- |
| 2 | Allied Concepts | | |
| | *Per team( max 3 members) | INR 11,400/- per team | INR 12,900/- per team |
| 3 | Delegates(not participating in any team) | | |
| | *Per delegate | INR 3,800/ | INR 4,300/- |
| 4 | School/College/Life Member | INR 750/- per member | |
| 5 | MSME Organisations | INR 2,250/- per member | |
| 6 | Home makers 5S/Kaizen & Model Display | FREE | |
| | Please add GST 18% on the registration fee payable | | |

**1.The last date of registration is 25.08.2026. 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.Participation in Home 5S and Home Kaizen is free. Food would be chargeable.**

**8. 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 (QCFI)
PHONE: +91-9348665311, 9437069347 (M)
EMAIL-qcfibhubaneswarchapter@gmail.com
RAMKGP83@GMAIL.COM

**REGISTRATION OF TEAMS & CASE STUDIES/ RECORDS/POEM/ESSAY/SLOGAN/ POSTER/MODEL COMPETITION/KAIZEN COMPETITION**

MR.S.S MISHRA & BIBHUDUTTA MISHRA(QCFI)
CONTACT-+91-7008586269/9437314864(R)/9938250053(O)
qcfibhubaneswarchapter@gmail.com

**EVENT MANAGEMENT OVERALL PLANNING**

MR.SATYAWAN NAYAK (QCFI)
CONTACT NO-+91-8770167680

**FINANCE:**

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

**HEAD OF ADMIN SUPPORT**

Prof Dr.DURYODHAN JENA(SOA UNIVERSITY)
CONTACT NO-7978462767

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 SOA

KHANDAGIRI & UDAYGIRI CAVES, 5.3 kms from SOA

LINGARAJ TEMPLE, 10 kms from SOA

DHAULI SHANTI STUPA, 18 kms from SOA

SUN TEMPLE KONARK, 70 kms from SOA

REGIONAL MUSEUM,8 kms from SOA

PATHANI SAMANTA PLANETARIUM, 8.7 kms from SOA

WONDERLA AMUSEMENT PARK, 35.7 kms from SOA