

8th
CCQC

CHAPTER CONVENTION ON QUALITY CONCEPTS

9th & 10th September 2017

Venue : Chhatrapati Shivaji Institute of Technology
Shivaji Nagar, Balod Road, Kolihapuri, Durg CG



Theme : Quality Concepts:
“Creating Value to the Society”

Organised by:

क्वालिटी सर्किल फोरम ऑफ इण्डिया (भिलाई चैप्टर)
Quality Circle Forum of India (BHILAI CHAPTER)

Invitation:

Dear Quality Fraternity & Practitioners:

Quality Circle Forum of India has great pleasure in inviting all the members and members' organization for the 8th Chapter convention on quality concepts scheduled to be held at Chhatrapati Shivaji Institute of Technology (CSIT), Durg on 9th & 10th September 2017

About Twin City Durg and Bhilai:

The Durg District is a populous District of Chhattisgarh. It occupies the south western part of the Chhattisgarh plain and possesses belts of hilly country in the south, southwest and northwest, bestowed with mineral resources and forests. The National Highway No. 6 (Mumbai - Sambalpur - Calcutta) is the major highway of the district and the train route is the main line of the South Eastern Railway midway between Mumbai-Kolkata. Nearest airport from the District Headquarter Durg is at Mana (Raipur) about 50 Km's.

World's longest rail Producer, Bhilai Steel Plant is a unit of the country's largest steel-maker and Maharatna Company, Steel Authority of India Ltd. Bhilai Steel Plant has won the prestigious Prime Minister's Trophy for the 'Best Integrated Steel Plant' in the country for 11 times.

The Plant is the sole supplier of the world's longest 130 metre rails to Indian Railways, and welded rail panels up to 260 meters length. It produces a large variety of wide, thick & heavy plates in value-added special steel category. The entire range of TMT products (Bars & Rods) produced by the plant is of earthquake-resistant grade and superior quality. The plant also produces heavy structural including channels and beams.

A mini-India in itself, Bhilai has over the years become the Centre of art and culture in the region. Bhilai is also widely acknowledged as the education and sports hub of the state. It has played a pivotal role in preserving the Chhattisgarhi folk arts. Bhilai is a city of Garden. A striking feature which immediately attracts any visitor to our Township and Plant is the large number of well-maintained gardens which provide our surroundings with a splendid splash of vibrant colours and dash of sweet fragrances.



Maitri Bagh – Bhilai possesses a 167 acres Maitri Bagh. The Maitri Bagh is oasis tranquillity with many parks and gardens, facilities for boating and musical fountain. It also boasts of a Zoo with 38 species of animals and birds. About 10 lakh visitors come to Maitri Bagh every year.

Theme: Quality Concepts: Creating Value to the Society:

Quality Circle Forum of India (QCFI), Bhilai Chapter started in the year 2010 under the umbrella of QCFI a National, Non-Profit, Registered Society, established in the year 1982 is engaged in the propagation of philosophy and implementation of quality concepts across the country including north-east states of the nation along with its 25 chapter, and 4 centres.

Presently, industrial scenario is changing rapidly in an unprecedented way, because of change in the central Government and mission & objective for fast growth and development is only possible with creating value to the society, that is the theme of convention i.e. **'Quality Concepts: Creating Value to the Society'**.

Today, Total Employee Involvement (TEI) is the key to success for sustaining the Quality Concepts with integrated approach to Total Quality for Performance Excellence in all the fields. QCFI is dedicated to contribute its knowledge and experience to develop skill in the nation for success through people participation and that is the pathway to overall success.

Shri Y K Degan
Chairmen, Bhilai Chapter

Shri G P Singh
Secretary, Bhilai Chapter



Global Competitive Spirit is the trademark of all the technical institutes of the world as Globalization has indeed arrived on the wings of science & technology and is here to stay. CSIT, an AICTE recognized ISO 9001 – 2008 Certified & NBA Accredited institute and affiliated to Chhattisgarh Swami Vivekanand Technical University, Bhilai is a premier Center for Excellence and has laid its foundation on this base in the Year 1999. **CSIT offers courses in BE, ME/MTech and PhD.**

CSIT culture is a blend of Professionalism, Social and Ethical values. CSIT imparts education through healthy and non-discriminatory teaching practices. The institute aims at inculcating a peace loving and sensitive attitude among students. CSIT is dedicated to providing its students with Education that combines rigorous academic study and Excitement of discovery with the support and intellectual Stimulation of a diverse Campus Community.

Merits and achievements:

1. Twice NBA (National Board of Accreditation) Accredited.
2. NAAC Accredited.
3. Globally recognised as “Best Brand – 2016 (Engineering).
4. Students secured Gold Medal at University Exams in UG as well as PG courses.
5. Represented in SUPRA 2016 event, only team in entire Chhattisgarh region who developed a Formula 6 racing car and participated in this event.
6. Student’s team has been shortlisted for grand finale in Smart India Hackathon (SIH) 2017, an initiative for Digital India Campaign by Hon. Prime Minister Shri Narendra Modi.
7. Strong academic team of highly qualified, experienced and committed teaching faculty consisting of pool of Doctorates and experienced teaching fraternity.
8. Active Entrepreneurship, Research & Industrial Consultancy Cell.
9. Research grants on regular basis received from AICTE, DST, CG Cost, NABARD and IE (I), India.
10. National level All India Conference (AICON) is organised every year to give platform to researchers to share their research work amongst each other.
11. High end research lab (research centre) like Advanced Mechanism Centre and Product Development Centre.
12. MOU’s signed with various MNC’s for all sector for Training, Placement and Knowledge Exchange.
13. Central India’s biggest Techno Management Fest La Qshya conducted every year.



1. Case Study Presentation on Quality Concepts:

Case study presentation is scheduled in parallel sessions. The official language for presentation will be Hindi and English. Teams should have their own power point presentation either in Hindi or English in *office 2010*. The entire presentations, including translation, however need to be completed within the stipulated time limit of 15 minutes. Presentation of allied concepts will be conducted in separate hall and there would be separate evaluation criteria for each concept. Case study presentation will be in following category-

1. Quality Circle
2. Lean Quality circle
3. Kaizen
4. WCM Circle
5. Six Sigma concept
6. Poke Yoke concept
7. 5-S Concept
8. TPM Circle

2. Model Exhibition:

Those circles bringing their model for display during presentation will be allowed to present their model on 9th September 2017. During model display at least 2 members should be present for explaining the model. A banner should be displayed showing the Circle name, organization name and theme of the project or Project Title. Judges will visit the stall without informing and best 03 models will be awarded on 9th September 2017 during Inaugural Session.

5. Knowledge Test:

On high demand from all participating organizations to Bhilai Chapter, knowledge test (KT) has been introduced first time in Chapter and this will carry 20 marks in the result. Three person from each QC Team and two Person from Allied concept can participate in the KT. All will have different sets of papers and average marks (for QC Avg. of three and for allied it will be avg. of two) will be added in the result.

4. Essay / Poem / Slogan Competition:

To encourage the creativity among the members, different competitions are being organized like essay, slogan and poem. An essay competition will also be conducted on the theme of the convention CCQC 2017. The Essay should not exceed 500 words. Interested QC members may send their entries with name and address either in Hindi or in English by 28th August 2017 to QCFI address. Selected entries will be given certificates, and a memento to those who attend the convention during inaugural function.

5. ON-Line QC Knowledge Quiz:

QCFI Bhilai Chapter has introduced first time an On-line monthly quiz. First three winner of monthly quiz will be awarded during Inaugural session. Those teams planning to participate in Bhilai Chapter and do not have password to play monthly quiz, please send your life membership number, QC and Organisation name to us, your password will be generated. Please do not forget to write your QC name and Organisation name before playing Monthly Quiz. You can open monthly Quiz through http://www.qcfibhilai.in/index.php?option=com_arquiz&view=category&categoryId=3&Itemid=689;

Famous Tourist Places near Bhilai:

Rajim: Situated about 78 kms from Bhilai, Rajim- the meeting point of three rivers Mahanadi, Pairi and Sondhul- is famous for its fine group of temples. The most famous of this group of temples is Rajivlochan temple dedicated to Lord Vishnu. The twelve pillars of the temple have figures of Hindu gods and goddesses. Ruins of many temples can be seen around this place, of which most remarkable is Kuleshwara Mahadeva Temple.



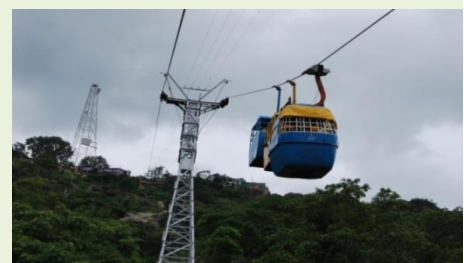
M.M. FUNCITY: 55 km from Bhilai, biggest water cum amusement park of the Chhattisgarh with unmatched quality standards, impeccable service, excellent rides and host of modern facilities. This water park is full of fun & joy with exciting Water Slides, Wave Pool, Rain Dance with live DJ, & Delicious Indian, Chinese & Continental Food, along with 15 A/C rooms.



Bastar: Situated at a height of 2500-3000 ft in the southern part of Chhattisgarh, is gaining popularity as a tourist destination for its scenic beauty. This major tribal region is known among travellers for its greenery and flora and fauna. The district of Bastar is full of panoramic views with its green hills, deep valleys, gushing streams, high waterfalls, and picturesque natural caves. **Situated 300 km from Bhilai.**



Dongargarh: Dongargarh is situated 77 kilometers from Bhilai in Rajnandgaon district of Chhattisgarh. Dongargarh is one of the most visited pilgrim center of Chhattisgarh state. The temple is dedicated to Maa Bambleshwari, built on top of a hill, at an altitude of 1600 feet. An annual festival is organized during the Navratri in Dongargarh. Rope-way facility is available to go to the temple.



Nandanvan Garden: Located about 15 km from Raipur on the banks of the Kharun River, a beautiful garden noted for its natural beauty attracts large number of tourists. There is a mini zoo with animals such as lions, tigers, panthers, and deer, and many others.



Maitri Bagh: The Maitri Bagh Zoo (mini zoo park) is located in the Bhilai, India. It is the biggest zoo in the region. The zoo comprises 111 acres (44.94 ha) of park lands. It is run by the Public Sector Undertaking, Steel Authority of India Limited. Maitri Bagh offers a perfect setting for recreation. The country's biggest musical fountain adds to the beauty of Maitri Bagh that already boasts of well-laid lush lawns. Boating facilities in artificial lake, toy train and Pragati Minar offering a panoramic view of the steel plant and surroundings. having major attractions like : Tiger, Lion (Hybrid), Leopard , Spotted deer, Sambhar, Rose pelicans, Parakeet and Lion tailed monkey



Nagpura Jain Temple: The Jain temple in Nagpura is dedicated to the 23rd Tirthankar (Jain saint) Parshwanath and commemorates the visit of the saint to the region 3,000 years ago. The temple is made of white marble, set on the top of a platform, the spires rise up prettily against the blue sky. Inside the temple are some elaborate chandeliers and shiny ornate lintels. Figures of deities & animals embellish the walls; images of other Tirthankars are also placed inside the sanctum. This temple is also known among devotees as Shri Uwassaggaharam Parshwa Tirth, shrine. The campus also houses besides the main temple, accommodation facilities, an auditorium, a garden & half a dozen smaller temples. The garden has marble statues of each of the Tirthankars with a short description of each of the saints engraved into the pedestal.



Evaluation Criteria for CCQC-2017

1. There will be two sets of Question Papers one set for LQC and other Allied Concepts and second set for 5S.
2. Register marks will be given by the chapter and to be added in the total marks in CCQC for Quality Circles. The details are as follows:

3. Evaluation Criteria:

Sl. No.	Activity/Area	Marks
1	Case Study Pre-evaluation	60
2	Register marks (not applicable for LQC and other allied concepts)	10
3	Case study presentation marks	20
4	Question - answer based on project presented	10
5	Knowledge Test during Convention	20
Total		120

4. Details of mark distribution:

- a) Case study presentation marks at Chapter convention is as follows:

Sl. No	Activity/Area	Marks
1	Sequence	5
2	Communication Skills	5
3	Time Management	5
4	Special Effects	5
TOTAL		20

- b) Register evaluation criteria for chapter convention is as follows:

Sl. No.	Activity/Area	Marks
1	General Information (P- 3,8,11)	2
2	Project Information (P - 12-21)	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		10

- c) Pre-evaluation marks for QC will be given from step no. 3 to 12 as follows:

Step	Activity/Area	Marks
3	Define the problem	6
4	Analysis of the problem	6
5	Find out causes	6
6	Root cause analysis	3
7	Data analysis	8
8	Development of solution	8
9	Foreseeing probable resistance	3
10	Trial implementation and check performance	8
11	Regular implementation	6
12	Follow-up/Review	6
TOTAL		60

- d) Pre-evaluation criteria for LQC and other allied concepts are as follows:

Sl. No	Activity/Area	Marks
1	Selection of problem and its relevance to the concept	10
2	Define the problem/project	10
3	Data collection (measurement)	15
4	Analysis of the data	15
5	Solution, implementation & gain	10
6	Follow up & control	10
Total		70*

***Check Sl. no.-3-2 (Evaluation Criteria)**

Executive Advisory Board Members of QCFI Bhilai Chapter



Shri G. Vishwakarma
Dir.(Proj. & BP), SAIL



Shri S S Mohanty
Vice Chairman (NINL)
& Ex Dir. (Tech), SAIL



Shri M Ravi
CEO (Bhilai Steel Plant)



Shri Rajib Bhattacharya
MD (FSNL)



Shri Pankaj Gautam
ED (Proj. & Oper.)
JSPL, Raigarh



Shri Megh Pal Singh
ED (Steel),
Jayaswal Neco Ind. Ltd



Shri Deepak Prasad
Head (Aluminium)
BALCO, Korba



Shri A K Samanta
GGM (NTPC-SIPAT)



Shri I P Mishra
President (Shri Gangajali
Educ. Society)



Shri Asish Kr. Roy
President (SEML)



Shri Sanjiv Kr. Prasad
President (Proj. & O&M)
Jindal Power Limited



Shri Ravi Shanker S
COO (GMR CG Energy
Ltd)



Shri Sharad K Goel,
CEO (SKS Ispat &
Power)



Shri B.R. Patel
Sr. GM (ACB India Ltd.
Korba)



Capt. Shirish Shukla
GM (HR & Admin)
JK Lakshmi Cement



Shri Dilip Mohanty,
Chief- HRM,
Jayaswal Neco Ind. Ltd



Shri A N Singh
Naalsons Engineers
(India) Private Limited



**Shri Ajay Prakash
Verma**
Chairman (CSIT)



Shri Y K Degan
Chairman (QCFI,
Bhilai)



Shri A K Khanna
Vice Chairman
(QCFI, Bhilai)

CCQC-2017 Organising Committee

Name	Responsibility	Contact No.	Name	Responsibility	Contact No.
G P Singh	Over All	9407981822	S K Trivedi	KT + CSFB	9425553025
N K Dethe	Over All	0407980583	J Manish Kumar	Registration	9407983907
Subhdeep Khan	Result + Hall	9993067552	R K Maini	Hall Management	9009059341
Sunil Deshmukh	VM + Result	9424118775	Satyawan Nayak	PRO + VM	9407983807
K S Tomar	Knowledge Test	9424122969	Vivek Mishra	Event Coordint.	9692464847
Rajeev Banerjee	Print + Banner	9407985147	Deepti Shukla	I/c Venue (CSIT)	
Rajkumar	Catering	9407985066	Pankaj Pathak	Result + CSFB	
A K Mishra	Books + Kitbag	9424122027	V K Chaudhary	Hall Management	9425557647

VM=Venue Management; KT=Knowledge Test; CSFB=Case Study Feedback

Tentative Programme at a Glance:

Day-1 (09/09/2017) Timing		
1	Registration and Submission of QR	13:00 am to 05:30 pm
2	Judges Meet	12:10 pm to 13:30 pm
3	Case Study Presentation	02:30 pm to 04:50 pm
5	Model Display	02:30 pm to 04:30 pm
6	Knowledge Test (1 st Batch)	02:30 pm to 03:00 pm
7	Knowledge Test (2 nd Batch)	03:30 pm to 04:00 pm
8	Inaugural Function	05:30 pm to 07:30 pm
9	Welcome Dinner	07:30 pm to 09:00 pm

QR= Quality Record (Register)

Day-2 (10/09/2017) Timing		
1	Registration and Submission of QR.	07:30 am to 10:30 pm
2	Case Study Presentation	09:00 am to 2:00pm
3	Judges feedback on case study writing and common mistakes	09:30 am to 11:00 am
4	Knowledge Test (3 rd Batch)	11:30am to 12:00N
5	Lunch	12:00 N to 02:30 pm
6	Knowledge Test (5-S Batch)	01:00 pm to 01:30 pm
7	Clarification/doubt on case study feedback from Judges	02:00 pm to 03:30 pm
8	Returning back QR, CS and feedback	02:00 pm to 03:30 pm
9	Valedictory Function and Award Distribution	4:00 pm to 6:00 pm

Award :

1. The Circles who score less than 72/120 (60%) will be awarded Bronze Medal
2. The Circles who score between 72/120 (60%) and 84/120 (70%) will be awarded Silver Medal
3. The Circles who score 84/120 (70%) and above marks will be awarded Gold Medal

Note:

1. There will no Lunch on 9th September; however you can have lunch by paying Rs.80 per head from CSIT Canteen on prior Information to Shri Vivek Mishra on vivekmishra@csitdurg.in;
2. Feedback on Case study for those whose case studies are received on or before 5th of September 2017 will be given after 2:00 pm from Registration Counter along with register and Case Study
3. 3 bonus marks will be given to those whose case study (Hard or Soft) is received on or before 3rd September 2017.

CCQC-2017 Registration and Fee Structure:

Sl.	Description	Max No.	Institutional Member		
			*Annual	*Permanent	Remark
1	Quality Circle Case study presentation (Max five members + one facilitator or a coordinator)	6	13800	12300	Per Team
2	Other allied quality concepts case study presentation (Max three members /per team)	3	6900	6150	Per team
3	Additional member from same Circle	1	2300	2050	Per Member
4	Delegates (Not in Presentation Team)	1	2500	2250	Per delegate
5	Industrial Visit	1	1000	1000	Per Member

*NB: Service Tax (GST) to be added on basic fee given above.

- a) Additional food coupon for spouse and their children will be provided on payment of Rs. 600/- per head on request from registration counter
- b) *Strictly, only Vegetarian Food will be provided, as CSIT do not have permission for Non Veg Cooking and Serving.*
- c) Industrial Tour to Bhilai Steel Plant will be arranged if informed in advance; entries received on or before 4th September 2017 will only be entertained. Schedule from 9:30 am to 2:30 pm, including Lunch and transport facilities.
- d) 50% discount for students if their institute is having institutional membership
- e) *Additional 5% discount if any organisation is sending more than 34 participants and 10% discount if sending more than 59 participants*

Mode of Payment:

1. **Demand Draft:** In favor of "QCFI, BHILAI CHAPTER", payable at BHILAI.
1. **NEFT Payment:** IFSC/RTGS Code: IOBA0001843, Indian Overseas bank, A/C No.:184301000000617

For all enquiries connected with case study presentations and participation, please contact

QUALITY CIRCLE FORUM OF INDIA, BHILAI CHAPTER

G.P Singh, Secretary, QCFI, Bhilai Chapter

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