



National Institution for Quality & Reliability

**Head Quarters
is happy to announce**



The 9th Annual Competition on SIX SIGMA

Case Study Presentation

**on Saturday,
16th December 2023 at**

Regent I & II, HOTEL RADHA REGENT

No.177, Jawaharlal Nehru Salai, Arumbakkam, Chennai - 600 106



About NIQR

The National Institution for Quality and Reliability is the Premier Institution devoted to the promotion of excellence in Quality and Reliability in India. The need to have a single, premier institution to promote Quality & Reliability movement in India saw the merger and consolidation of two organisations in existence since 1971 - National Institution of Quality Assurance and Indian Association of Quality & Reliability. This resulted in the formation of the NATIONAL INSTITUTION FOR QUALITY AND RELIABILITY in July 1987. The Institution has its Head Quarters at Chennai and branches at various parts of our country with membership of over 2500 Professionals associated with Total Quality & Organizations from Manufacturing, Service and Educational sectors.



Vision

Be a World class professional Institution dedicated for promotion of Excellence in Quality

Mission

NIQR will enhance its competencies to provide strategic directions to Quality Movement and be an enabler in transforming Indian industry and Service Organisations to emerge globally competitive and socially responsive.

Activities

- Organizes periodically Quality Congress, Conferences, Seminars, Symposia, Workshops, Lectures and short duration training programs on Quality, Reliability and other related subjects.
- Evolve and organize comprehensive training programs tailor made to suit the needs of different types of industries, disciplines and levels.
- NIQR has conducted 200+ Quality Awareness Programmes for Shop Operatives in Regional Language.
- QCI NABET has engaged NIQR as a Lean Manufacturing Consultant for Tier I and Tier II OEM suppliers at Hosur and Bangalore.
- NIQR has signed an MOU with American Society for Quality (ASQ) to improve the systems, curriculum and knowledge delivery processes to facilitate Quality for Nation Building and rise to Global Standards comparable to the best in the world.
- NIQR has signed an MOU with Samarth Udyog Technical Forum (SUTF), Pune – to support and participate thro' C4i4 initiative (Centre for Industry 4.0) to drive the implementation of Industry 4.0 practices at MSMEs.

Programme Director

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About the Competition

Recognizing the need for enhancing the knowledge and skills of the Managers and Engineers in various industries like Manufacturing, IT and Service sectors in Six Sigma methodology, NIQR has organised many Certificate Courses and Competitions.

Six Sigma/Task Achievement are the winning tools for all business environmental conditions. The teams should focus on the above as a theme in their projects and how the project selected helped the company in growth path.

Guidelines for Participation

Participants from Manufacturing sector, Automobile sector, Process / Chemical Industries, IT and other Service sectors can participate in this Competition and present their case studies.

A single page word file with synopsis of the project (Max 300 words in A4 sheet, if possible, with some relevant pictures) to be sent by Email on or before 5.00 pm on 10th December 2023.

The synopsis should contain the following:

- Project title
- Whether it is a Six Sigma or Task Achievement
- Background of the project
- Linkage with the business
- Root causes identified
- Process improvements carried out
- Results/Benefits

Guidelines for Evaluation

A panel of eminent judges will be evaluating the projects on the basis of DMAIC / Task Achievement approach. Presentation time for each team will be 20 minutes plus 5 minutes for Questions & Answers.

| S. No. | Criteria | Marks |
|--------|---|-------|
| 1. | Problem Selection & Business linkage | 10 |
| 2. | Define & Measure phases | 20 |
| 3. | Root Cause Analysis | 25 |
| 4. | Development of Solutions | 25 |
| 5. | Implementation Approach | 25 |
| 6. | Verification & Control Approach | 20 |
| 7. | Results | 25 |
| 8. | Tools Usage & Creative Idea / Solutions | 20 |
| 9. | Presentation Skills and Involvement of Team Members | 20 |
| 10. | Question & Answer | 10 |
| Total | | 200 |



Rewards & Recognition

Based on the Team's Performance, they will be awarded as follows:



Teams scoring less than 60% will get a Certificate of Participation

Participation Fee : Rs.12,000/- + 18% GST (Rs. 14160 per Team Consisting of 3 members Max.)

Delegate Fee : Delegates are invited to attend the program by paying Rs.4,720/- per delegate including GST.

Participation Fees to be paid though NEFT or RTGS to the NIQR account given below on or before 10th December 2023 and details included in the Registration Form.

Registration – duly filled in Registration Form along with the payment transaction details should be emailed to niqrhq@gmail.com at the earliest but not later than 10th December 2023.

Requirements - All Teams/Participants are requested to bring their own laptop loaded with essential / supporting software.

Participants per Team:

A Maximum of only 3 members will be allowed per team. Only registered teams and participants are eligible to participate. However, as a contingency plan, change in nomination of any one member may be allowed by the NIQR Management with prior permission by 5.00 pm on 10th December 2023.

A team consisting of more than 3 persons will have to pay additional fees of Rs.4,000/- + 18% GST (Rs.4,720/-) per participant for every additional team member.

For Bank Transfer thro' NEFT / RTGS

| | |
|----------------|--|
| Account Holder | National Institution for Quality & Reliability – Head Quarters |
| Account Number | 018302000003394 |
| Account Type | Current |
| Bank Name | Indian Overseas Bank |
| Branch | Nungambakkam |
| IFS Code | IOBA0000183 |
| NIQR GST No. | 33AAAAN3817F1ZZ |

You can also send DD / Cheque favouring “National Institution for Quality & Reliability - Head Quarters” payable at Chennai

National Institution for Quality & Reliability

Round Table House, No.80, Uthamar Gandhi Salai, Chennai 600 034.

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