



One-Day Workshop on

“New Seven Quality Control Tools”

23rd May 2026 (Saturday) | 09:15 AM to 05:30 PM

Venue: National Institution for Quality & Reliability (NIQR), Round Table House, Next to Hotel Sangeetha, First Floor, 80, Uthamar Gandhi Salai, Nungambakkam, Chennai - 600034. Ph: 044 - 28271530.

SYNOPSIS:

In today's highly competitive industrial environment, organizations must continuously improve their systems, processes, and decision-making capabilities to sustain growth and customer satisfaction. While conventional QC tools effectively address operational issues, management-level and cross-functional challenges require structured analytical and planning tools for effective resolution.

The New Seven Quality Control Tools are powerful management techniques designed to organize ideas, analyze relationships, prioritize actions, and support strategic decision-making. These tools enable teams to identify root causes, improve communication, enhance planning effectiveness, and drive continual improvement across organizations.

This workshop aims to provide participants with practical exposure to the application of the New Seven QC Tools through industrial examples, group activities, and case discussions. The session will help professionals strengthen their problem-solving capabilities and apply systematic approaches to organizational challenges.

PROGRAMME COVERAGE:

- Introduction to New Seven QC Tools.
- Importance of Management & Planning Tools.
- Identification of Higher-Level Problems.
- Application Methodology with Industrial Examples.

NEW SEVEN QC TOOLS COVERED:

1. Affinity Diagram
2. Relations Diagram
3. Tree Diagram
4. Matrix Diagram
5. Process Decision Programme Chart (PDPC)
6. Matrix Data Analysis
7. Arrow Diagram
8. Group Exercises and Practical Applications
9. Case Studies and Team Activities

FACULTY PROFILES:

Mr. D. Rathinasabapathy is a passionate trainer and consultant in the areas of people development, system improvement, 5S, Kaizen, Quality Circles, and problem solving. He has over 36 years of rich industrial experience, including 32 years at Ashok Leyland as Assistant General Manager (Improvement Cell), where he played a pivotal role in training over 4000 employees and leading major improvement initiatives. He was instrumental in developing Quality Circle movements that earned national-level recognitions and successfully implemented 5S across large-scale manufacturing facilities. Since 2019, he has been actively involved in training and consultancy for several reputed industries and engineering institutions. He also serves as a trainer and jury member in NIQR and QCFI initiatives.



Mr. K. Balamurugan is a seasoned industry professional with over 35 years of extensive experience in manufacturing, quality systems, and automotive components. He has held key leadership roles in reputed organizations such as Federal-Mogul and Fenner India, contributing significantly to product development, tool design, and shop floor excellence. With deep expertise in IATF 16949, ISO 9001, ISO 14001, and ISO 45001 systems, he is also a certified Lead Auditor and Six Sigma Black Belt. He has trained numerous teams in Lean Manufacturing, Kaizen, TPM, and core quality tools, and is known for delivering highly practical and industry-oriented sessions.



TARGET PARTICIPANTS:

- Quality Professionals
- Manufacturing Engineers
- Production Supervisors
- Middle & Senior Level Executives
- Continuous Improvement Teams
- Faculty Members & Students
- Professionals involved in Process Improvement & Problem Solving.

KEY TAKEAWAYS:

- ✓ Apply New Seven QC Tools effectively in workplace improvement initiatives
- ✓ Learn structured approaches for solving complex organizational problems
- ✓ Understand the importance of management-oriented QC tools
- ✓ Develop teamwork and systematic decision-making skills
- ✓ Gain hands-on exposure through practical exercises
- ✓ Improve analytical and planning capabilities

FEES: ₹2500 + 18% GST = ₹ 2950
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Register at



<https://tinyurl.com/NIQR-Chennai-events>

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