

TWO DAYS

WEBINAR

6-7 Feb 2026

"COST OF POOR QUALITY/MEASUREMENT SYSTEM ANALYSIS"

Understanding the Hidden Cost of Poor Quality and Strengthening Decisions through Measurement System Analysis"

Mr R. K. Venkata is a Quality Assurance and Business Excellence Leader with over 35 years of experience in manufacturing, Lean, TQM, and Six Sigma. Certified as a Lead Auditor (ISO 9001) and a Lean Six Sigma Black Belt, he has mentored over 300 improvement projects and played a key role in JSW Steel's Deming Prize journey. With extensive international exposure and expertise in TQM, TPM, Kaizen, Lean, and Business Excellence Models, he offers practical industry insights and makes learning highly engaging and results-driven.



COST OF POOR QUALITY ICEBERG



TOPIC COVERED

- Cost of Poor Quality (COPQ) overview
- Types of Quality Costs
- Measurement System Analysis (MSA) basics
- Gage R&R - concept & interpretation
- Practical examples

KEY BEBEFITS

- Key Benefits
- Reveal hidden costs of poor quality
- Improve measurement accuracy & reliability
- Enable data-driven decision making
- Reduce rework, scrap & defects

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KEY TAKEAWAYS

- Ability to identify and quantify COPQ
- Understanding of reliable vs unreliable data
- Improved problem-solving confidence
- Actionable insights for process improvement

PAY NOW FEE RS 5000/-



GST Applicable @18%

WHO CAN ATTEND

- Quality Circle Members
- Quality, Production & Operations Professionals
- Engineers, Supervisors & Team Leaders
- QA / QC & Continuous Improvement Teams

QUALITY CIRCLE FORUM OF INDIA

306, NAVKTAN CHAMBERS, SECUNDERABAD, TELANGANA, INDIA 500003

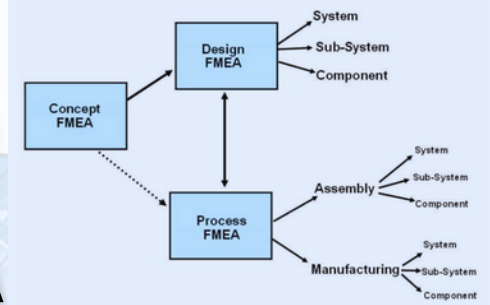
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TWO DAYS**WEBINAR****16-17 Feb 2026****"PFD, CONTROL PLAN & FMEA"**

This training program provides a structured and practical understanding of Process Flow Diagram (PFD), Control Plan, and Failure Mode & Effects Analysis (FMEA)—the core quality tools used to prevent defects, control risks, and ensure robust process performance.

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**TOPICS COVERED**

- Fundamentals and linkage of PFD, Control Plan & FMEA
- Developing effective Process Flow Diagrams
- Identifying risks using Process FMEA (PFMEA)
- Defining controls through Control Plans
- Risk prioritization (Severity, Occurrence, Detection)
- Practical examples and real-life case studies
- Common mistakes and best practices

KEY TAKEAWAYS

- Clear understanding of how PFD, FMEA, and Control Plan work together
- Ability to identify and prevent potential failures proactively
- Hands-on approach to creating and updating documents
- Improved process consistency and control
- Key Benefits
- Reduced defects and rework
- Improved product and process reliability
- Stronger compliance with customer and audit requirements
- Enhanced risk-based thinking and problem-prevention culture

WHO CAN ATTEND

- Quality, Production, and Manufacturing Engineers
- Process & Industrial Engineers
- QA/QC Professionals
- Six Sigma / Continuous Improvement Practitioners
- Project Managers & Team Leaders
- Anyone involved in process design, improvement, or risk management

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WEBINAR 23-24 Feb 2026

DESIGN-BASED FAILURE MODE



This program focuses on identifying, analyzing, and preventing potential failures at the design stage itself, before they reach production or customers. Participants will learn structured methodologies to anticipate failure modes, assess risk, and build robust, reliable designs aligned with quality and reliability standards.



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Key Topics Covered

- Fundamentals of Design-Based Failure Modes
- Difference between Design FMEA and Process FMEA
- Identifying potential failure modes in design
- Risk assessment using Severity, Occurrence, and Detection
- Root cause analysis and preventive design actions
- Design validation and control methods
- Case studies and practical examples

Takeaways & Benefits

- Ability to proactively identify design risks
- Improved understanding of failure prevention at the design stage
- Structured approach to risk prioritization and mitigation
- Practical tools for design robustness and reliability
- Reduced design-related defects and rework
- Lower cost of quality and warranty issues
- Improved product reliability and customer satisfaction
- Stronger cross-functional collaboration between design and quality teams
- Compliance with quality and reliability best practices

Who Can Attend

- Design & Development Engineers
- Quality & Reliability Engineers
- Product Managers & Project Leaders
- R&D Professionals
- Manufacturing & Process Engineers
- Quality Auditors and Continuous Improvement Teams
- Automotive employees

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