



# Root Cause Analysis through Six Sigma Training - Brochure



Find out the root cause of the problems in your organization and tackle them effectively

## Importance of RCA through Six Sigma

RCA through Six Sigma allows companies to identify the number of problems occurring each year and the possibility of their recurrence. It helps to determine whether the problems have known or unknown causes and classifies them accordingly. RCA is done with the help of tools such as Cause and Effect Diagram (CED), 5 Whys, Current Reality Tree (CRT), and 8 Disciplines (8D) in order to determine and analyze the root cause.

## Get Invensis Learning Advantage

- Expert trainer, interactive sessions with case studies
- A copy of RCA through Six Sigma training
- Classes across 108+ locations worldwide
- 8 PDUs certificate provided
- Instructor-led training that is always on schedule
- Global approval and accreditation

## Key Benefits of RCA through Six Sigma for Businesses

- Allows companies to identify the number of problems occurring each year and the possibility of their recurrence.
- Helps to determine whether the problems have known or unknown causes and classifies them accordingly
- Addresses the problems directly instead of covering up the issues
- Contributes towards significant long-term improvements in the company

## About Invensis Learning

Invensis Learning is a leading certification training provider for individuals and enterprises globally. Our expertise in providing globally-recognized IT & Technical certification courses has enabled us to be one of the trusted certification training partners for many Fortune 500 organizations and Government institutions worldwide. Invensis Learning has trained and certified thousands of professionals across a wide range of categories such as IT Service Management, RCA through Six Sigma, Quality Management, IT Security and Governance, Cloud Computing, DevOps, Agile RCA through Six Sigma, and Digital Courses. Invensis Learning's certification training programs adhere to global standards such as PMI, TUV SUD, AXELOS, ISACA, DevOps Institute, EXIN, and PEOPLECERT.

## Target Audience for RCA through Six Sigma Training

This course is designed for operations staff in manufacturing and service organizations, managers, process owners, and engineers.

## About RCA through Six Sigma Training Course

RCA through Six Sigma is an important component of continuous improvement in Six Sigma methodologies. Participants taking up this RCA through Six Sigma course will learn about the tools such as Cause and Effect Diagram (CED), 5 Whys, Current Reality Tree (CRT), and 8 Disciplines (8D) in order to determine and analyze the root cause.

RCA through Six Sigma allows companies to identify the number of problems occurring each year and the possibility of their recurrence. It helps to determine whether the problems have known or unknown causes and classifies them accordingly. The RCA through Six Sigma course is designed for individuals, teams, and organizations that desire to institutionalize an operating system for structured problem-solving.

# RCA through Six Sigma Course Overview

- Problem-Solving Process Flowchart (8D Roadmap)
- Problems vs. Opportunities
- Preventative Practices
- Problem Detection & Specification
- Problem Anatomy = |Should – Actual| \*Risk
- Causes to Determine
- Cause Structures
- Situation Appraisal
- Known vs. Unknown Cause
- Using Facts, Evidence & Assumptions
- Interim Actions
- Using a Team Approach
- Risk Analysis Tools
- Importance of Language
- Cause-Effect Mapping Methods
- Potential Cause Filters and Generators
- Human Error
- Choosing the Best Solution Profile
- Solution Validation
- Exercises & Case Studies





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