



**OmniLearn**

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2025

# Root Cause Analysis Curriculum



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# Table of Content

- Our Company
- Instructor profile
- Course Description
- Key points learned
- Course Curriculum
- Career Benefits
- Omnilearn Advantage Unlocked

# Our Company

- ❖ **Global Excellence**

Leading digital career enhancement across the globe.

- ❖ **Rigorous Training**

Dive into our programs for comprehensive and customised training, personalised project support and career counselling.

- ❖ **Empowering Millions**

Transforming lives with practical knowledge for professional success.

- ❖ **Globally Recognized Expertise**

Join us for industry-recognized excellence in the digital era.

# Instructor Profile

AMOL S. PANDIT , FOUNDER AND CEO



- Conducted over 5000 training sessions, driving measurable improvements in operational efficiency and team performance.
- Consulted for Fortune 500 companies and world-class academic institutions, fostering innovation and growth.
- Developed and implemented customized training curriculums, focusing on practical applications and organizational objectives.



# Course Description

Root cause analysis training will provide you with the necessary statistical (Minitab & Excel) and management tools to effectively identify root causes.

# Key Points Learned

- Problem Solving Methodologies (PDCA, A3, DMAIC, 8D)
- Root cause analysis tools (5 Why & Fishbone Diagram)
- How Pareto law is used with Root cause Analysis tools
- Pitfalls to avoid while conducting root cause analysis

# Course Curriculum

## Introduction

- Understanding root cause analysis and its significance in problem-solving.

## Problem-Solving Methodologies

- Exploring various problem-solving processes, including PDCA, A3, 8D, and DMAIC.

## Root Cause Analysis Tools

- Learning and applying tools such as 5 Why Analysis and Fishbone Diagrams (Cause and Effect Diagrams).

# Course Curriculum

## Pareto Analysis

- Utilizing the 80/20 rule to prioritize issues and focus on the most impactful problems.

## Pitfalls to Avoid

- Identifying common mistakes in root cause analysis and strategies to prevent them.





# Career Benefits

- Learn to identify and solve complex problems using the Six Sigma methodology, making you valuable in quality management and process improvement roles.
- Gain expertise in data-driven decision-making to eliminate inefficiencies and enhance organizational performance.
- Develop critical skills in root cause analysis, enabling you to address underlying issues and prevent recurring problems.
- Enhance your ability to lead projects that drive continuous improvement and operational excellence.
- Increase job opportunities by becoming proficient in Six Sigma tools and techniques, sought after by employers in industries focused on quality and process optimization.

# Omnilearn Advantage

## Unlocked

- Tailored course material to suit the learner's experience and knowledge level.
- Real-world projects to apply concepts and enhance learning.
- Access to downloadable resources for future reference.
- Practice exams that mimic real test conditions to boost exam readiness.
- Industry-recognized certificate awarded upon program completion.
- Round-the-clock support for all learner inquiries.
- Year-long access to recorded lessons for review and learning at your convenience.

# Contact Us

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