



INTRODUCTION

A problem is defined as a gap between the standard and the reality. Fundamentally, when there is such a gap, we search for the root cause and implement countermeasures to prevent the recurrence of the problem.

Fundamental to any continuous improvement program is the ability to determine the root cause of an effect.

Root cause analysis involves - deploying methodologies to understand the root cause(s) of a problem and verify the same.

Problem-solving tools and techniques are universally deployed approaches, that are structured to identify and verify the root cause in a scientific manner, followed by implementing countermeasures.

Keeping this in view, IMTMA is organizing an online program on Problem-Solving Tools and Techniques Champion.

FOCUS AREAS

- What is Problem Solving?
- 7 QC Tools for Problem Solving
- 5 Why Analysis, 5 why explosion diagram
- Kipling checklist
- PM (Phenomena-Mechanism) Analysis
- Creative Idea generation for Effective solutions
- A3 Problem Solving

QC Tools for Preventing Problems

- FMEA – Failure Mode and Effect Analysis
- MSA – Measurement System Analysis
- SPC – Statistical Process Control
- Process Confirmation
- Mistake Proofing (Poka-yoke)
- Control Plan
- 8D
- COPQ

KEY TAKE AWAYS

At the end of this program, the participants shall be able to:

- Sustain and create a Problem-solving culture in the organization.
- Use a scientific framework to solve problems and effect improvement.
- Understand and implement various Problem-solving tools and best practices.

PARTICIPATION FEE

Rs. 11500/-
+18% GST
**IMTMA Members/ Micro Companies/ Individuals/
Educational Institutions / Students/ IMTMA Non
Members/ Others**

USD 460/-
Overseas Participants

Group Concession : 10% for 3 to 5 and 20% for 6 and more delegates being nominated from the same company

PARTICIPANT PROFILE

This course is targeted to engineering personal, production personnel, entry-level graduates and those who would like to enter into the field of Operational Excellence. It will also benefit managers and quality supervisors from machine tool, automobile and auto ancillaries, toolrooms, aerospace and general engineering.

FACULTY

This Program will be conducted by **Mr. Anand Deshpande.**

Professional background

- Total 31 years of experience, including 14 years of global experience and 12 years of consulting experience.
- Global expert in Operational Excellence and leading practitioner of LEAN.
- Work experience with the likes of Ford Motor Company, Dell, Philips and Deutsche Bank Operations International.
- Author of the book: ‘Making Apparel Manufacturing Lean’.

Educational Background

- MBA from Hult International Business School.
- Production Engineering from Mumbai University.

Area of Expertise

- Expert at Toyota Production System implementation.
- Designing and implementing a Continuous Improvement Program.
- End-to-End improvement in Process Efficiency (Reduce Turn Around time, Reduce error rates).
- Design and implement Performance Management System, Visual Management, Policy Deployment.
- Toolkit usage: Skill Matrix, Value Stream Mapping, Capacity Planning, Best practice replication, Synchronous material Flow, Kanban, JIT, Zero Defects, FMEA and Error Proofing.
- Creation and implementation of Service Delivery Frameworks.
- Six Sigma Training and implementation.
- Conducting Webinars on topics related with Lean and Six Sigma.
- Creating e-tutorials on Lean.

For Registration Contact

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