

Last date for registration 15 May 2025

INTRODUCTION

Critical, complex problems arising every day from cross-functional disciplines in the work environment can wreak havoc and affect your bottom-line big time if the root cause is not identified quickly and correctly. The problems usually persist and recur periodically failing any preventive actions or due to limitations in problem solving approach of the untrained individual. We often see departments passing the buck across the hallway to get the monkey off their back.

TOPS-8D (Team Oriented Problem Solving methodology) is a highly structured, problem solving tool perpetuated by FORD and is used by effective managers across the world in problems pertaining to Product/Process Quality as well as non-technical - Management / Marketing zones. It comprises 8 steps and follows the PDCA logic.

The goal of this method is to find the root cause of the problem using statistical tools, develop containment actions to protect the customer and take preventive actions to prevent recurrence of the problem.

Keeping this in view, IMTMA is organizing an offline training on Keeping this in view, Indian Machine Tool Manufacturers' Association along with AMTDC-Chennai is organising a 2 days offline training programme on "**7QC Tools and 8D Problem Solving Methodology**" at **Advanced Manufacturing Technology Development Centre (AMTDC)**, Ground Floor Block 'B', IIT Madras Research Park, Kanagam Road, Taramani, Chennai - 600 113.

FOCUS AREAS

- PDCA / 8D Approach for problem solving
- Basic 7 QC Tools
 - Check sheet
 - Stratification
 - Brainstorming and Pareto chart
 - Cause and Effect diagram
 - Graphs and control charts
 - Histograms
 - Scatter diagrams
- TOPS-8D approach for problem solving
- Problem Description
- Intermediate / Immediate Actions
- Various methods for data collection for potential causes
- Root Cause Identification Process (Technical root cause and System root cause)
- Preventive action selection
- Financial Matrix for CAPA (Corrective and preventive action)
- Interlinking CI (continuous improvement) with CAPA
- Interlinking 8D Problem Solving with QS (Quality System) Reviews & FMEA
- Setting and meeting KPI targets for Efficiency and Effectiveness
- Case studies from Industry for effective problem solving by using QC tools

KEY TAKE AWAYS

After undergoing the programme, the participants will be able to

- Learn 8D approach of problem solving i.e., finding the root cause, developing proper actions to eliminate root cause and implementing permanent corrective actions
- The 8D methodology also helps to explore the control systems that allowed the problem to escape. The Escape Point is studies for the purpose of improving the ability of the Control System to detect the failure or cause when and if it should occur again (Detection)
- Finally, the Prevention loop explores the systems that permitted the condition that allowed the failure and cause mechanism to exist in the first place (Prevention)
- Ensure the problem is not repeated

PARTICIPATION FEE

Rs. 10450/-
+18% GST

**IMTMA Members/ Micro Companies/ Individuals/
Educational Institutions / Students/ IMTMA Non
Members/ Others**

USD 415/-
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 ideal for those who are responsible for product development, operations management, quality control, and engineering including department managers, supervisors, quality representatives and engineers.

FACULTY

The program shall be delivered by **Mr. Naveen GS**.

Mr. Naveen GS is an Instrumentation Engineer, and an MBA in Operations Management with 26+ years' of work experience in Automotive Industries, Vocational Skills, Industrial Engineering and Certification services. Expert in managing Profitability, Delivery, Operations, Quality Management Systems, Product Quality, Supplier Quality.

Apart from having a strong background in Delivery and Quality Management Systems, Naveen also comes with an extensive experience in areas like Quality Assurance in Strategic Sourcing and Supply Chain Management, Information Systems, Product development and Operations.

Naveen has extensive work and travel experience across India. He has also worked out of Sweden and Finland and has undertaken work related travel to United Kingdom, Malaysia and Srilanka. Naveen was the Head of Sales, Delivery, Quality, Operations and Training in multiple organizations including MNCs and reputed Indian companies. He has worked as "Management Representative" in multiple organisations and has the experience of putting in place robust management systems for meeting the international standard requirements and the continuously demanding industry needs. Having been responsible for P&L for many years, he is able to explain financial linkages to operational challenges. Having implemented and leveraged various systems across industries, Naveen is an expert in APQP, PPAP, ISO 9001, ISO 14001, AS 9100, TS 16949, Warranty Complaints, Audits, Skills Assessment, CMMI Level 5, GDPR, DPO, Six Sigma and Various Quality tools.

Currently Naveen GS is working as Director Training in Indian Machine Tools Manufacturing Association. Before his association with IMTMA, Naveen was associated with organizations such as VDO India, Mahindra & Mahindra (Tractor Division), Dynamatic Technologies, Wipro Infrastructure Engineering (A division of WIPRO Ltd.), Manipal - City & Guilds and TUV Nord India.

For Registration Contact

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REGISTRATION : Prior registration for participation is necessary. Number of participants is limited and will be accepted on 'First Come First Serve' basis. A Certificate of participation will be issued to participants.

Important Information : Participation fee includes, course material, working lunch and tea / coffee. Interested companies are requested to register online by clicking on 'REGISTER' button and by filling up the nomination authority and participant's details in specified form.