Manufacturing Technology Training
An IMTMA initiative

How to become an effective FMEA Practitioner as per combined AIAG & VDA Version
Date : 18 to 19 February, 2027
Venue : IMTMA Technology Centre, Hosur Industries Association, Hosur

Last date for registration 11 February 2027

INTRODUCTION

In today's competitive market environment, the industry has realized the fact that servicing unreliable products is a very costly proposition. To a large extent, reliability is built into the product during the design and development phase. Failure Mode & Effects Analysis (FMEA) is an essential ingredient of reliability engineering and is a very powerful and effective technique used for improvement in the methodology used for design, assembly, materials engineering, servicing etc., for a diverse range of products and processes. FMEA can be effectively applied in case of new developments, new technologies and components/assemblies or products which have inherent problems to anticipate & prevent problems showing up in practice during the product lifecycle by an approach using methodical thinking and validation of concepts. FMEA is an aid for continuous improvement which fits into a PDCA (Plan-Do-Check-Act) pattern of activity. Whenever continuous Improvement and problem solving is envisaged or effected, FMEA is redone to evaluate their effects

Learn to execute Design FMEA according to the new AIAG &VDA Handbook by achieving a deeper understanding of the explicit and subtle changes, along with the high impact benefits that will bring your organization's FMEA to the next level of robustness.

Keeping this is view, Indian Machine Tool Manufacturers' Association (IMTMA) is organizing a 2 day interactive programme on **"How to become an effective FMEA Practitioner as per combined AIAG & VDA Version".**

Note: “Dear Participant, kindly note that, as the program will be scheduled at Hosur Industries Association, Hosur, the tax invoice will be issued under **IMTMA Tamil Nadu GST (GSTIN: 33AAACI1369M3ZG).** Kindly raise the Purchase Order accordingly. No changes will be permitted after the invoice is generated.”

“For any clarifications, please contact the program coordinator.”

FOCUS AREAS

- Introduction to FMEA Concepts and to new AIAG & VDA Hand book for FMEA
- Reliability
- Failure analysis vs FMEA
- Cause & Effects Analysis
- FMEA Methodology
- Design FMEA – Examples & Case Studies and changes as per AIAG &VDA handbook
- Process FMEA – Examples & Case Studies and changes as per AIAG &VDA handbook
- Group Exercises (Participants will be divided into groups and each group will prepare and study an example of FMEA)
- Developments & Benefits of FMEA
- Using FMEA for Risk assessment
- Machinery FMEA

KEY TAKE AWAYS

After undergoing the programme, the participants will be able to

- Overview of the major changes, improvements and benefits of the AIAG & VAD Handbook for FMEA
- Concept of FMEA as a risk management and preventive quality assurance technique
- How to carry out Design FMEA and Process FMEA in industries
- Practical implementation of FMEA through Group Excercises & hints Concepts of Machinery FMEA

PARTICIPATION FEE

Rs. 4999/-	Rs. 2500/-	Rs. 999/-	USD 200/-
+18% GST	+18% GST	+18% GST	Overseas Participants
IMTMA Members/ Micro Companies/ Individuals/ IMTMA Non Members/ Others	Professors	Student	

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

PARTICIPANT PROFILE

This programme will benefit practicing engineers and senior technical personnel involved in the functions of Design and Development, Process Planning, Product Engineering, Application engineering, Quality Assurance, R&D, Manufacturing, Servicing etc., and other related areas from Machine Tool, Automobile & auto ancillaries, Tool rooms, Defense and Railway establishments, General Engineering and other Capital goods manufacturing industries.

In order that the participation is effective and beneficial, it is recommended that participating companies depute a multi-disciplinary team of 2 or 3 people from the above functions. Participants should have knowledge of related products and processes.

FACULTY

This programme will be conducted by, IMTMA Subject Matter Expert.

He is an engineer by profession, was associated with Bosch for over 27 years, as part of the quality department responsible for introduction, sustenance of Quality standards and quality tools in all Bosch plants across India. Prior to that, he was responsible for engineering and manufacturing gear pumps, process planning of elements, machine planning & procurement, New project coordination and Project management for electric power tools. In his last assignment at Bosch, he was the Quality head of the Automotive Electronics Plant at Bangalore.

He has earlier worked with Tata Motors for over 6 years and was responsible for Process planning of transmission components & assembly and Process planning of dies, jigs and fixtures.

He currently provides training on various quality aspects such as VDA 6.3, Systems audits as per IATF 16949, 8D problem solving, FMEA, SPC, MSA, Basic quality tools, Tooling management, APQP, PPAP and Project management.

For Registration Contact

Digvijay Nath Pandey
Programme Coordinator
7349067391
digvijay@imtma.in
Back End Operations
9742626488
enquiry@imtmablr.com

Contact Address

imtmatrainning.67038796@hdfcbank

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.