## Feature:

The course is based on the new AIAG-VDA FMEA Manual 1st edition 2019. This covers the changes in FMEA, seven step methodology in detail with examples, exercise and case study. Structure and functional analysis using Boundary Block Diagram, Interface Matrix and Parameter Diagram (P-Diagram)

## Course Objective:

1) Understand the changes in FMEA methodologies prescribed by AIAG-VDA FMEA 1st Edition
2) Hands on in identifying product requirement using Boundary Block Diagram, Interface Matrix and P-Diagram
3) Enable participant to apply within the organization for product design and meet customer requirement.
4) Use DFMEA as a preventive tool for process development

## Who Should Attend?

People from departments like design, production, quality, process engineering, supplier development and others who are engaged as cross functional team to product development.

## Course Duration:

1 Day

## Course Content:

1) Introduction to FMEA –History and changes
2) Concept of system, sub system and component
3) Relationship between, APQP, DFMEA, and PFMEA
4) Scope definition
5) Boundary Block Diagram, for product
6) Structure Analysis
7) Interface Matrix and P- Diagram for product
8) Functional Analysis
9) Failure Analysis - Failure network and chain, effect, mode and cause
10) Risk Analysis
11) Current Prevention Control, Current Detection Control
12) Severity, Occurrence, Detection and Action Priority
13) Actions, responsibility, assessment, status and continual improvement
14) DFMEA results and documentation