

## PIP Overview:

Failure Mode and Effects Analysis (FMEA) is an effective tool to reduce your company's risk of expensive failures! Field failure of products is one of the major concerns for most organizations. This workshop will help to understand and apply FMEA in product design/development and manufacturing processes. It helps to identify potential modes of failure before launching a new product or modifying an existing one to improve reliability of products. FMEA is a systematic approach to formalize & document the mental disciplines that an engineer applies to design products and processes. Also, FMEA history, methods, types, responsibilities, documentation and implementation will be dealt in depth. The workshop will include Design Validation Plan (DVP) as an outcome of DFMEA.

Participants will learn how to produce a fail-safe designs and/or processes.

## What's in it for you?

- Historical background of FMEA
- Understand FMEA Types and Basic Terminology
- Prerequisites for FMEA: System and Reliability Block Diagrams, Boundary Diagram, Parameter Diagram, Interface Matrix
- Performing FMEA: Failure Modes, Severity, Occurrence and Detection rankings for FMEA
- Design Validation Plan (DVP) & Reports

Why wait?  
Register  
Soon!

### Pricing Category

### Registration fees per person (incl. 18% GST)

Industry Professionals / Faculty	Rs. 1,800 + Rs. 324 = Rs. 2,124
Engg. College Students	Rs. 900 + Rs. 162 = Rs. 1,062

- Participants whose organization is in SEZ, kindly confirm for GST applicability before making the payment.
- No recordings of the training session will be provided. Hence, request you to attend all the sessions.

## Contact Information:

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Save the dates!

16<sup>th</sup> & 17<sup>th</sup>  
September  
2021

On Online Platform  
MS-Teams

## Who is it for?

Course is most appropriate for engineers & managers involved:

- Process / Product Design, Develop & Optimization
- Quality Assurance & Improvement
- Production and Service Departments
- Supplier Improvement
- Vendor Development & Supply Chain
- Reliability Testing, Problem Solving
- Others responsible for Continuous Improvement.
- Professors / Engineering Students

Learn from  
Industry  
Experts!

### Registration Details

Mode of payment	Online Transaction
ARAI Account No	04470200000280
IFS/RTGS/NEFT Code	BARBOKARVER (0 = Zero)

Sr.	Session	Date	Day	Time
1	Registration & Inauguration	16- Sept-21	Thursday	09:45 – 10:00
2	Introduction to Historical background of FMEA	16- Sept-21	Thursday	10:00 – 11:00
3	FMEA Types, Function, Failure Modes, SDO & RPN	16- Sept-21	Thursday	11:00 – 13:00
4	Product Development w.r.t. Business, Design & Process : Boundary Diagram, Parameter Diagram, Interface Matrix	17- Sept-21	Friday	10:00 – 11:30
5	Powertrain FMEA	17- Sept-21	Friday	11:30 – 12:30
6	Valedictory & Feedback	17- Sept-21	Friday	12:30 – 13:00