



Complimentary 1 year SAEINDIA membership for non-member participants

Special discount on Group Booking (minimum 5 attendees for same session 10% Discount)

TOPTECH

Design Failure Mode Effects Analysis (DFMEA)

Two Days Workshops by SAEISS

Trainer: Shri. R. SRINIDHI SHARMA

Date: 7th & 8th November 2014

SAEINDIA
SOUTHERN SECTION

Venue:

SAEINDIA Southern Section

Block-1, Modules 29 & 30, SIDCO Electronic Complex
Thiru-Vi-Ka Industrial Estate, Guindy, Chennai-600032

Phone: 044-42188651-52 Mobile: +91-90430 01718

E-mail Id: toptech@saeiss.org Website: www.saeiss.org

Course Content

1st day

- Introduction
- Prerequisites
- Principles
- Risk assessment
- Application and development

2nd day

- Case studies and discussions of issues.
- Participants to present specific case/ problems for group discussion

About Design FMEA

- Design FMEA is a powerful tool used by all leading automobile organizations designing and developing the products, subsystems and systems
- This tool is extensively used by design professionals with an objective to ensure design for quality and improve reliability of the product.
- Knowledge of design FMEA at various stages of design and development is very essential for ensure that all potential problems/quality risks are considered and design/mitigation actions are taken in a proactive and timely manner to ensure product quality in the market after launch and thereafter.

Who should attend?

- Practicing design, process ,test and development engineers can attend

Benefits of attending the course

- Automotive industry is continuously reinventing and reforming itself in order to stay cost competitive but at the same time needs to provide more and more value to customer
- Ever increasing cases of product recalls with attendant impact on the organization have reinforced the need for a very rigorous attention to design FMEA
- Effective usage of design FMEA techniques results in:
 - Understanding the customer needs and requirements
 - Systematic approach to analyze requirements and attendant product risks
 - Suitable actions directed to improve the design practices resulting in superior prevention/management of failures
 - Value engineering of the product giving attention to design for manufacturability.
 - Formal capturing of the collective knowledge/expertise of the team members for organizational benefit and continual improvement

Course pre-requisites ?

- Knowledge of design practices in the automotive industry for different systems and subsystems including design review, verification and validation.

About the course and its objectives

- This program is designed specifically to provide insights into the power of using design FMEA as a tool for product design and reliability improvement with risk mitigation.
- This program is designed to explain the potential of design FMEA in depth and share the contemporary practices with the professionals engaged / connected with the design/development of product and/ or related manufacturing processes.
- Covers basic purpose and principles of design FMEA.
- And includes case studies with examples and solutions

Course Date & Time

Design Failure Mode Effects Analysis (DFMEA)	7th & 8th November 2014
Start: 9:00 am to 5:00 pm	

Facilities provided during course

- Networking Tea/Snacks
- Networking Lunch
- Delegate Kits

How to enroll

Fee Structure (Two days)

Non-Member	INR 13000/-	Last date of Registration 1 st November 2014
Member	INR 10000/-	
Faculty Advisor	INR 4000/-	
Registration fee for two days		

- Admissions would be on first come first serve basis and will be strictly through enrolment Procedure
- Limited seats per batch
- Special discount to Teaching Faculty advisor
- Special discount on group booking (minimum 5 attendees for same session- 10% Discount)

Pay course fee through DD/Cheque or Transfer to our account

Name of the account holder: SAEINDIA Southern Section Toptech

Account No. : 32506111653

Bank Name : State Bank of India

Branch Name : Kottur, Chennai

IFSC Code : SBIN0001669

Enrollment Procedure

- Send us following details to toptech@saeiss.org for registration
- Registration form enclosed or [Click Here](#)

Course Instructor (Mr. R. SRINIDHI SHARMA – PROFILE)



Mr. R. Srinidhi Sharma is a qualified post-graduate in control and instrumentation engineering from IIT, Mumbai with over 35 years' experience in engineering industry of which about 22 years have been in certification and training services related to quality management standards in automotive and space/aerospace industries.

He is an IATF approved lead auditor for ISO/TS 16949-2009 and a certified lead Auditor for ISO 9001:2008. He is also an IAQG approved auditor for AS 9100C .He has been the team leader in pre-assessment and certification services delivered by Bureau Veritas Certification to organizations in Mechanical, Electrical, Chemical, automotive, aerospace, Information technology business sectors since 1992..

Currently Mr. Sharma is engaged in advising automotive organizations on new product development (APQP), designing for quality, core tools and training the team members of the organizations in related subjects. Additionally Mr. R.S Sharma also participates in audit/training assignments for Bureau Veritas Certification

Professional Experience:

Mr Sharma has been extensively associated with automotive industry for the last 20 years during which he has participated in development, implementation and assessment of management systems in leading automotive organizations such as TVS group of Cos, Tata Motors Limited, Motherson Sumi group of Cos, Rane group of Cos, WABCO Ltd. Bosch Chassis Systems, Tata Auto plastics, etc. Mr. Sharma has participated in more than 400 ISO/TS 16949 certification audits in India, Turkey, China, Korea and Japan.

Mr Sharma has been instrumental in development and delivery of many training programs for the automotive organizations with the primary purpose of enhancing the knowledge and awareness of automotive industry personnel in respect of best practices of automotive industry, consistent with expectations of leading automotive OEM's and related requirements of ISO/TS 16949-2009. These include VDA 6.3, NPD, FMEA and MSA.

Mr. Sharma has also performed special assignments for OEM's and tier 1 organization in the field of product design, enterprise processes, new product development and stage gate development model and design and process FMEA.

About SAEINDIA Southern Section

SAEINDIA Southern Section is a premier society that serves the cause of mobility engineering. It is a unique society that includes professional engineers who serve different OEMS and Suppliers, academia as well as budding engineers (students) who aspire to be part of the professionally attractive field of mobility engineers. We believe that Mobility Engineering is a knowledge rich field and that learning and sharing can be fun and rewarding. To this end, SAEISS organises several events throughout the year, runs programmes that enrich and engage and conducts lectures and symposia. It is a part of SAEINDIA.

SAEINDIA is a Premier Professional society that serves the Mobility Engineering Community engaged in the design, manufacture and service of self-propelled vehicles and systems that move in land, sea, air and space. It is an affiliate society of SAE International which is head quartered in USA and has a glorious record of over 100 years of service to the mobility community. SAEINDIA works closely with other fraternal societies such as Society of Indian Automobile Manufacturers (SIAM), Automotive Component Manufacturers of India (ACMA) and American Society of Engineers of Indian Origin (ASEI) for spreading knowledge and relevant information to a wider cross section of the Indian community. It is also a member of International Federation of Automotive Engineering Societies (FISITA)



Further pls contact:

S. Ilangovan, TopTech Executive

SAEINDIA Southern Section

Mobile No: 9043001718