

## Online Training on Integrating SOTIF (Safety Of The Intended Functionality) and Cybersecurity with Functional Safety ISO 26262 for Automotive

Date : 19th & 20th Apr'2021, Time: 10:00 AM to 5:00 PM



### Course Features

This two-day course will give the participant the base knowledge necessary to understand design requirements from the perspective of Functional Safety (FS), SOTIF (safety of the intended functionality), and cybersecurity (CS). The course will also provide an introduction to Systems Engineering and the standards ISO 26262, ISO/PAS 21448, SAE 3061, and ISO/SAE 21434

### Course Objectives

To provide the participants an introduction to and overview of how to achieve SOTIF and cyber security with ISO 26262

- ♣ Learning outcomes
- ♣ Describe the purpose and role of SOTIF
- ♣ Identify SOTIF hazards
- ♣ Apply techniques for reducing risk associated with these hazards
- ♣ Understand how to determine the acceptance of residual risk
- ♣ How to Make ISO 26262 and SOTIF Fit Together

### Who should attend?

This training targets professionals and executives in automotive system engineering, project managers, system and software engineers, consultants and developers from companies of all sizes that want to get more proficient in automotive functional safety.

**Registration Fee : Rs. 25,000 + 18 % GST Per Participant**

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**To Register and Pay : [Click Here](#)**

### Registered & Head Office-

801, Raheja Plaza I, LBS Marg, Ghatkopar (W), Mumbai 400 086

Email: [trainingindia@tuv-nord.com](mailto:trainingindia@tuv-nord.com) Tel: +91-22-66477000

Website: [www.tuv-nord.com/in](http://www.tuv-nord.com/in)

Toll Free: 1800-209-0902

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### Course Contents

- ♣ Safety Perspective
  - Functional Safety Perspective
  - Role of ISO 26262
  - SOTIF perspective
  - Role of ISO/PAS 21448
  - Functional modifications to reduce SOTIF-related risks
  - Definition of a verification and validation strategy
  - Integration of ISO/PAS 21448 methodology with ISO 26262
- ♣ Cybersecurity Perspective
  - Role of SAE 3061
  - Role of ISO/SAE 21434
  - Safety and Cybersecurity Commonalities and Design Issues
  - Introduction to the ISO 21434 standard and comparison to ISO 26262
  - Establish a framework for product, hardware, and software development
  - Examine risk assessment approaches

### Prerequisite/Prior knowledge

Participants should have a working knowledge of basic automotive components and automotive electronics.

### Issue of Certificate

Certificate of attendance shall be issued to all the delegates attending entire duration of the course

**Duration:** 7 Hours including 1 hour break both days



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Expertise for your Success

All our Online Training Offerings are for the resident of India & Sri Lanka Only.

# TUV India's Customer Friendly Mobile App

## TUV INDIA TRAINING ACADEMY (TITA)



**Our user friendly mobile application is developed to provide constant connect with our customers and participants along with hands-on information about the latest offerings of TUV India Training Academy. The app is also apprising the users on diverse service portfolio of TUV India along with latest developments related to our company.**

Some of the highlights of our app are:

- Available on Android- Google Play Store & iOS Apple Store
- Provides overview about TUV India (TUV NORD GROUP), our services and latest developments
- Details about TUV India Training Academy offerings
- Training Schedules – both Class Room and Online Trainings
- \* For each training, the app provides Course Features, Who should attend, Course Contents, Pre-requisites etc
- \* Link for Registering for the course of choice with integrated payment gateway
- \* Payment History (Receipts, Invoices)
- \* Certificates for attended programs based on user eligibility
- \* Notifications related to new offerings and sessions
- \* Contact us with linked email or phone (toll free number)
- \* Individual User Profile



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Registered & Head Office :  
801, Raheja Plaza I, LBS Marg, Ghatkopar (W), Mumbai - 400086  
Tel: +91-22-66477000 / 25007000 / 05 | Email : [infoindia@tuv-nord.com](mailto:infoindia@tuv-nord.com)