

## Automotive Functional Safety Certification Programs In accordance with ISO 26262: 2018



### Course Features

New technologies and the increasing number of functions within products mean that manufacturers have to develop more and more safety-relevant systems. This not only leads to an increase in the number of electronic components - the components and systems themselves are more complex and requirements as to their safety are becoming more stringent. Safety standard ISO 26262 stipulates that organizations must ensure that persons entrusted with tasks related to functional safety have a sufficient level of competence and also that they are suitably qualified. Since the publication of ISO 26262, therefore, employers have been urgently seeking trained and qualified personnel who can demonstrate their competence and professionalism

### Course Objectives

The main objective of the course is to give professionals involved in functional safety in the automotive industry the opportunity to learn about functional safety, current applicable safety standards and their requirements.

### Who should attend ?

Those involved in the design, development, and production of electrical and electronic based vehicle products, including the systems, software and hardware engineers, and managers. Basically, all those responsible for the development and implementation of hardware and software systems in motor vehicles.

### **Registered & Head Office-**

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### Course Contents

- Management of Functional Safety
- From Hazard and Risk Analysis to System Development - Hardware Development Phase
- System Level to software Development Phase
- Support Process
- Guidelines on application of ISO 26262 to semiconductors, Adaption of ISO 26262 for Motorcycles

### Pre-requisite/Prior knowledge

#### **Level 1 Program:**

- Knowledge of ISO 26262, Work experience in Automotive Industry

#### **Level 2 Program:**

- Six Years relevant experience in Automotive Functional Safety
- 2 References: Confirmation of collaboration in at least 2 functional safety project

### Certificate

Certificate of successful completion shall be issued to all the delegates who attend entire duration of the course & pass the written examination.

**Duration** : 5 Days