ELECTRA IC
Design & Verification

Software Validation Process in Safety Critical

⧗ **2 Days**

Program Overview

The aim of this training is to give the key points on how to verify software and manage the verification process which plays an important role in the development of safety-critical systems.

Pre-requisites?

• Having knowledge about Embedded Software Development
• Having basic level knowledge of fundamentals for Software Lifecycle Processes

Who should attend?

- Software Project Managers
- Software Development Engineers
- Software Verification Engineers
- Software Quality Engineers
- Software Configuration Management Specialists

What will you learn?

- Points to consider through the software verification process in safety- critical systems
- Verification methods and practices
- Importance of the verification process in safety-critical software development and what to pay attention

Structure and Content

o **What is Verification?**

o **Verification Methods**

- • **Analysis**
- • **Inspection**
- • **Review**
- • **Test**

o **Test Methods**

o **Effective Test Development and Management**