DRIVES YOU TO INDUSTRY

AUTOMOTIVE EMBEDDED COURSE
LIVE ONLINE

2203 STUDENTS PLACED IN 2021

630+ MNCs HIRED IN 2021

100% GENUINE PLACEMENT ASSISTANCE

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AUTOMOTIVE EMBEDDED COURSE OVERVIEW

- Ethernet
- DOIP
- Cryptography
- HSM
- Secure Diagnostic
- SOME/IP
- Automotive Cybersecurity

COURSE DURATION
6 WEEKS
COURSE OVERVIEW

ETHERNET OVERVIEW
- Ethernet Protocol

DOIP
- DOIP

SOME/IP
- Autosar Ethernet

CRYPTOGRAPHY
Part 1: History of Cryptography
Part 2: Symmetric Cryptography
Part 3: Asymmetric Cryptography
Part 4: Hash Functions

AUTOMOTIVE CYBERSECURITY
- Introduction to Automotive Cybersecurity
- Privacy and Data Protection in Automotive

HSM
- SHE architecture
- HSM architecture
- HSM family members
- HSM family members
- HSM purpose
- Key generation-TRNG/PRNG
- Key storage
- HSM SW architecture
- Secure HSM FW update
- Secure life cycle management

SECURE DIAGNOSTIC
Introduction of Bootloader
Secure Diagnostic Access
- Secure Boot
- Trusted Boot
- Secure Flashing
- Secure JATG
SecOC
OTA Flashing Topology