



DRIVES YOU TO INDUSTRY

AUTOMOTIVE EMBEDDED COURSE

LIVE ONLINE

2203

STUDENTS
PLACED IN 2021

630+

MNCs HIRED
IN 2021

All India Educational
Excellence Award
Winner for
3 years in a row

100%

GENUINE PLACEMENT
ASSISTANCE



Mercedes-Benz



BOSCH

SONY
make.believe



HCL

THE INSTITUTE

- Directors with over a decade of rich industry experience in Design Development, Training & Recruitment.
- A state-of-the-art Programming Lab with 1:1 student to System ratio.
- A well-equipped H/W Lab with 8051, ARM, PIC and AVR boards.
- A/C class rooms with LED projectors and equally distributed sound systems.
- A dedicated Placement Cell with operations in Bengaluru, Pune, Noida, Chennai and Hyderabad.
- E-Learning classes with online video courses delivered by industry-experienced lecturers.



ADMISSION

We offer a 72-hour long comprehensive training program with a well-integrated approach that gives you hands-on experience on a spectrum of automotive embedded applications. Our 100% genuine placement assistance speaks for itself with more than 630 MNCs recruiting our students in the span of a year.

- No fees for admission test
- Working professionals with relevant experience are eligible for direct admission

Admission Process

The entrance examination will be conducted in a "Apply and Appear" manner. Students can apply for the exam anytime they want and appear for it. If they fulfil the eligibility criteria, they can join the batches closer to the date of the exam.

Visit our website to apply for our entrance test

www.vectorindia.org

AUTOMOTIVE EMBEDDED COURSE OVERVIEW

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graph TD; A((AUTOMOTIVE EMBEDDED COURSE OVERVIEW)) --- B(Ethernet Overview); A --- C(DOIP); A --- D(Cryptography); A --- E(HSM); A --- F(Secure Diagnostic); D --- G(SOME/IP); D --- H(Automotive Cybersecurity)
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Ethernet
Overview

DOIP

Cryptography

HSM

Secure
Diagnostic

SOME/IP

Automotive
Cybersecurity

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

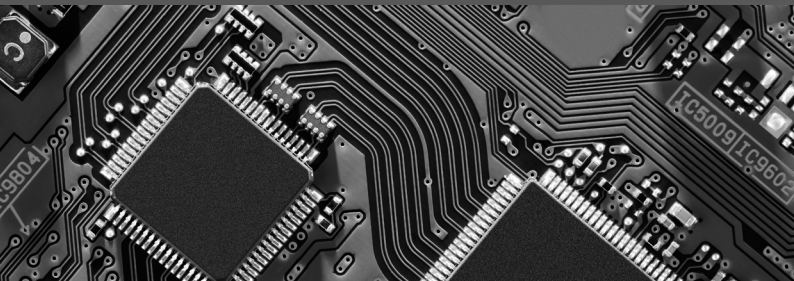
Introduction of Bootloader

Secure Diagnostic Access

- Secure Boot
- Trusted Boot
- Secure Flashing
- Secure JATG

SecOC

OTA Flashing Topology



PLACEMENT HIGHLIGHTS

- 100% genuine placement assistance.
- 630+ Campus Drives conducted during in 2021.
- 2203 Students placed in 2021.
- Remarkable & ever-improving placement record.
- Consistent record of 300+ MNCs for Campus drives every year.
- Our recent highest package received is 15.4 LPA.
- Maintaining an average package of 4.5 lakhs per annum.

You can check current placements in the placement link at
www.vectorindia.org/placement_record.html

2021

JANUARY

163
SELECTS

FEBRUARY

163
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MARCH

166
SELECTS

APRIL

184
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MAY

151
SELECTS

JUNE

232
SELECTS

JULY

176
SELECTS

AUGUST

150
SELECTS

SEPTEMBER

209
SELECTS

OCTOBER

150
SELECTS

NOVEMBER

225
SELECTS

DECEMBER

234
SELECTS

Premier MNCs & R&D companies that recruited from us



Mercedes-Benz



HUAWEI



Life's Good



Power and productivity
for a better world™



And many more

HYDERABAD

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