



DRIVES YOU TO INDUSTRY

AUTOSAR

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

HYDERABAD - 98666 66699 | BENGALURU - 87624 56789 | CHENNAI - 94442 22459

WWW.VECTORINDIA.ORG



COURSE DURATION

4 WEEKS

AUTOSAR OVERVIEW

AUTOMOTIVE BASIC INTRODUCTION (ADAS, ACTIVE/PASSIVE SAFETY)

AUTOSAR Methodology

- Motivation, Organization
- SDLC
- AUTOSAR Concept
- AUTOSAR Layer Model
- Approach for developing AUTOSAR software
- Data exchange mechanism between development partners

I. Autosar XML

II. System Description

III. SWC Description

IV. System Extract

V. ECU Extract

- Autosar interface
- Introduction to Autosar Tools
- Autosar work products from OEM to Tier 1

State Management and System Services

- BSW initialization
- Interaction with SW-C and other BSW modules
- Mode Management
- Sleep and Wakeup Handling



Operating system

Tasks, Alarm, Counter and Events

Basic of RTE

ISR Configuration

Basic of Software Components (SWC)

Relation to RTE

- OS Scalability Class
- RTE introduction and VFB concepts
- SWC

CANProtocol

CANProtocol

COMSTACK

COMSTACK

Autosar Configuration parameters

Autosar Configuration parameters

UDS Protocol

UDS Protocol

UDS Services

UDS Services

DCM

DCM

Tool Demo and Exercise

Autosar Configuration exercise

- Configuration of EcuM, BswM and OS module

