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
AUTOSAR COURSE OVERVIEW

- UDS Protocol
- Operating System
- Autosar Configuration parameters
- State Management and System Services
- Autosar Methodology
- UDS Services
- Basic of Software Components (SWE)
- Autosar overview
- Tool Demo and Exercise
- Basic of RTE
- CANProtocol
- Comstack
- DCM

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

CAN Protocol
CAN Protocol
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