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AUTOSAR Training -5 Days (40 Hrs)

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AUTOSAR Training –5 Days Agenda from ANCIT

Delivery Format	:	Classroom/Online
Duration	:	5 Days
Target Group	:	Automotive Embedded Engineers
Prerequisites	:	Engineers with 3+ years of experience in AUTOMOTIVE Development. Should be good in C language.
Outcome	:	AUTOSAR Architecture, AUTOSAR Stack Configuration , Implementation & Testing with more emphasis on Communication and Diagnostics Stack

Day 1. Introduction, ASWC, RTE, IO and CDD

- Overview and Introduction to Architecture
- Application Design in VFB Level
- Software Component
- RTE Layer with BSWM and E2E
- Implement RTE
- OS
- Implement OS
- IO abstraction Layer Implementation
- Controlling the IO drivers using CDD

Day 2. Communication and CAN Stack

- Communication Module
- PDUR
- CANIF
- CAN Driver
- CAN Transceiver
- IPDUM
- CAN TP
- Implementation of Communication Stack and testing it

Day 3. Mode Management and Implementation

- COM Manager
- CAN SM
- NMIF
- CAN NM
- BswM
- EcuM
- DAVINCI- Implementation of Mode Management

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Day 4 Memory Stack and Implementation and WDG

- EEPROM driver
- Flash Driver
- Fee
- EA
- MemIf
- NVM
- Implementation of Memory Stack
- WDG Driver
- WDG Manager
- WDG If

Day 5. Diagnostics

- DEM
- DCM
- FIM
- DET
- Implementation of Diagnostic Stack

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