

EMBEDDED AUTOMOTIVE TESTING

- 1. Software Development life cycle (What is V-model and Why V-model).**
- 2. Different types of protocols (CAN, LIN and their applications in Realtime).**
- 3. Demonstration of real time test bench setup and its components.**
- 4. Testing real time requirements of Infotainment and ADAS Ecu.**
- 5. Communication establishment between different internal parts of a vehicle.**
- 6. The concepts of diagnostics/UDS protocol in practical way.**
- 7. Testcase writing practice for practical requirements.**
- 8. Different types of testing methods and techniques used in the industry.**
- 9. Hands on knowledge and experience on real time tools such as canoe and canalyzer.**
- 10. Different requirement management tools.**
- 11. defect life cycle and the process of raising bugs using JIRA.**
- 12. How to handle real time projects.**
- 13. Demos and Mock interviews.**
- 14. Basic level of CAPL scripting development.**

