



# List of Courses

## ❑ Firmware Course

- ARM Processors : all variants
- ARM Processors : Hardware design
- RTOS : Various Flavours
- Programming Languages
- OS Internals
- Device drivers and BSPs
- Project Management
- Design Methodologies
- Android Internals
- IOS
- Other specialised Processors Eg MIPS , POWER PC, DSP technology

## ❑ Electronics Design Courses

- Schematic
- Circuit Simulation
- Layout
- SI & Routing
- EMI/EMC
- Thermal Analysis
- Antenna Design
- EM Simulation

## ❑ Connectivity Courses

- Low power Wireless Protocols
- 4G technology
- LTE
- 5G primers

## ❑ Mechanical Design

- System Modelling
- 3D Design
- FEA courses
- Product Costing
- PLM
- Production Scheduling
- CAD and engineering layout skills
- Multi-Objective Numerical Optimization(MONO)
- Robotics
- Light Weight Metal Design
- Motor Design

## ❑ Automotive Development

- AUTOSAR
- CAN BUS Protocol.

\*\* Please contact us for any further requirements on these areas , we can send you detailed course outlines.