

TK458: IoT in 5G

Description

In this Course we explore the concepts of 5G wireless network technology in general, and we concentrate on the IoT service, implementation, security, QoS and Radio channels in 5G

Duration

2 Days

PREREQUISITES

A good understanding of Mobile networks

Course Content

1. The need for 5G
2. 5G System requirements
3. 5G potential use cases
4. NR-IoT
5. CAT-M
6. IoT in 5G as a service
7. 5G NR-RAN Architecture, interfaces and protocols
8. 5G NR Spectrum
9. NR Frame structure for IoT
10. 5G NR Channels and Physical Reference Signals for IoT
11. 5G System QoS for IoT services
12. IoT security in 5G