KOENIG
step forward

Customized Course on LTE Network Technologies

Duration: 24Hrs.

1. **LTE Fundamentals**
   - Introduction to LTE (Long Term Evolution)
   - Overview of IP Convergence in Mobile Networks
   - LTE Network Architecture
   - LTE/SAE/EPC Network Architecture

2. **Radio Access Technologies**
   - LTE RAN
   - Self-Organizing Networks (SON)
   - Overview of LTE Air Interface
   - Overview of OFDM and MIMO

3. **LTE Interfaces and Protocols**
   - LTE Interfaces and Protocols
   - LTE Protocol Stacks
   - LTE Interfaces Covered in Detail
   - LTE-EPC Signaling

4. **Packet Core and EPC**
   - LTE Packet Core (SAE/EPC and EPS)
   - Evolved Packet Core (EPC) Architecture, Interfaces, and Protocols
   - LTE/EPC Interworking

5. **Performance and Optimization**
   - LTE Operations and Procedures
   - LTE Planning and Optimization
   - QoS Applied to LTE-EPC
   - PCC (Policy and Charging Control)

NOTE: This course focuses solely on theoretical and conceptual topics, with no lab sessions included.

How you'll benefit
• This training will help you: • Learn the skills, technologies, and understand the network architecture