

GSM Optimization

Pre-request: GSM Principals

Course duration: 36 Hours

On completing this course you will be able to:

- understand and explain GSM Concepts.
- understand and explain GSM Concepts, Network Architecture, Air Interface and protocols
- understand and explain GSM Optimization concepts.

Course Content:

- GSM Overview.
- Idle Mode Behavior.
- Handover.
- HCS (Hierarchical Cell Structure).
- Concentric & Multi Band Cells.
- CLS (Cell Load Sharing).
- Frequency Hopping.
- Intra Cell Handover.
- Dynamic HR Allocation.
- Power Control.
- GSM to UMTS Cell Reselection and Handover.
- Trouble Shooting and KPIs monitoring.